Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041322\
Data File : BP009820.D
Acq On : 13 Apr 2022 16:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020749

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 14 01:07:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 13 02:15:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	119819	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	553952	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	400102	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	882230	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.427	240	942125	20.000	ng/ul	# 0.00
88) Perylene-d12	23.892	264	900440	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	20750	7.729	ng/uL	0.00
4) Pyridine-d5	3.799	84	143206	19.346	ng/ul	0.00
7) Phenol-d5	7.116	99	199356	18.951	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	126752	20.240	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	154279	19.443	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	170084	19.369	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	82718	20.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	88513	20.210	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	177041	19.318	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	242942	18.612	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	587239	18.685	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	711275	19.103	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	104892	18.403	ng/ul	0.00
60) Fluorene-d10	15.586	176	502492	19.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	94940	18.166	ng/ul	0.00
73) Anthracene-d10	17.445	188	803760	19.028	ng/ul	0.00
81) Pyrene-d10	19.669	212	975414	18.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	908653	19.378	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	20134	7.357	ng/uL#	26
5) Pyridine	3.822	79	148516	19.230	ng/ul#	45
6) Benzaldehyde	7.093	77	139486	21.621	ng/ul	96
8) Phenol	7.146	94	202364	19.219	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.381	93	161214	19.655	ng/ul#	75
12) 2-Chlorophenol	7.522	128	155964	19.496	ng/ul	95
13) 2-Methylphenol	8.399	108	153639	18.712	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	247059	20.378	ng/ul#	83
16) Acetophenone	8.787	105	274025	19.806	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.775	70	144483	20.143	ng/ul#	73
18) 4-Methylphenol	8.728	108	174635	19.640	ng/ul	94
19) Hexachloroethane	9.052	117	66642	19.731	ng/ul#	77
22) Nitrobenzene	9.163	77	207903	20.276	ng/ul#	83
23) Isophorone	9.693	82	403393	19.092	ng/ul	98
25) 2-Nitrophenol	9.881	139	95734	20.495	ng/ul#	83
26) 2,4-Dimethylphenol	9.940	107	208382	18.799	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.175	93	237395	19.137	ng/ul#	97
29) 2,4-Dichlorophenol	10.410	162	171058	19.253	ng/ul#	82
30) Naphthalene	10.822	128	547993	19.235	ng/ul	96
32) 4-Chloroaniline	10.922	127	240525	18.621	ng/ul	97
33) Hexachlorobutadiene	11.116	225	121285	18.954	ng/ul	94
34) Caprolactam	11.687	113	57346m	19.517	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	205003	19.042	ng/ul#	70
36) 2-Methylnaphthalene	12.428	142	402147	19.321	ng/ul	93

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.645	142	400414	19.053	ng/ul#	93
39)	1,2,4,5-Tetrachloroben...	12.793	216	236215	19.297	ng/ul	94
40)	Hexachlorocyclopentadiene	12.781	237	140412	16.529	ng/ul	94
41)	2,4,6-Trichlorophenol	13.028	196	150759	19.285	ng/ul#	82
42)	2,4,5-Trichlorophenol	13.098	196	167510	19.828	ng/ul#	87
43)	1,1'-Biphenyl	13.428	154	556608	19.066	ng/ul	93
44)	2-Chloronaphthalene	13.469	162	431405	19.225	ng/ul	95
45)	2-Nitroaniline	13.663	65	141071	21.452	ng/ul#	80
47)	Dimethylphthalate	14.045	163	572428	18.924	ng/ul#	92
48)	2,6-Dinitrotoluene	14.163	165	116651	20.965	ng/ul	91
50)	Acenaphthylene	14.316	152	704133	19.163	ng/ul	95
51)	3-Nitroaniline	14.487	138	121294	20.969	ng/ul#	80
52)	Acenaphthene	14.657	153	454356	18.885	ng/ul	96
53)	2,4-Dinitrophenol	14.687	184	57029	16.957	ng/ul#	78
55)	4-Nitrophenol	14.787	109	98228	18.722	ng/ul#	47
56)	Dibenzofuran	14.992	168	674790	19.057	ng/ul	97
57)	2,4-Dinitrotoluene	14.945	165	169862	20.791	ng/ul#	77
58)	2,3,4,6-Tetrachlorophenol	15.216	232	147957	19.208	ng/ul#	86
59)	Diethylphthalate	15.416	149	580337	18.538	ng/ul	93
61)	Fluorene	15.639	166	555657	19.052	ng/ul	91
62)	4-Chlorophenyl-phenyle...	15.639	204	291292	18.784	ng/ul	97
63)	4-Nitroaniline	15.651	138	126443	21.825	ng/ul#	79
66)	4,6-Dinitro-2-methylph...	15.710	198	95618	18.406	ng/ul#	88
67)	N-Nitrosodiphenylamine	15.845	169	480411	19.023	ng/ul	93
68)	4-Bromophenyl-phenylether	16.533	248	179240	18.769	ng/ul	96
69)	Hexachlorobenzene	16.651	284	205021	18.670	ng/ul#	91
70)	Atrazine	16.798	200	191443	18.365	ng/ul#	88
71)	Pentachlorophenol	16.992	266	129774	17.460	ng/ul#	84
72)	Phenanthrene	17.386	178	911124	19.348	ng/ul	99
74)	Anthracene	17.480	178	916963	19.206	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.398	216	250304	19.624	ng/uL	88
76)	Pentachlorobenzene	14.916	250	241654	19.437	ng/uL	91
77)	Carbazole	17.745	167	814695	18.882	ng/ul#	95
78)	Di-n-butylphthalate	18.298	149	989157	18.643	ng/ul#	93
80)	Fluoranthene	19.345	202	1109742	18.738	ng/ul#	95
82)	Pyrene	19.698	202	1154177	19.221	ng/ul#	94
83)	Butylbenzylphthalate	20.569	149	456331	18.525	ng/ul#	81
84)	3,3'-Dichlorobenzidine	21.333	252	396967	19.773	ng/ul#	95
85)	Benzo(a)anthracene	21.410	228	1152261	19.292	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.339	149	683834	18.456	ng/ul#	81
87)	Chrysene	21.463	228	1110881	19.278	ng/ul	99
89)	Di-n-octyl phthalate	22.286	149	1164303	18.455	ng/ul	100
90)	Benzo(b)fluoranthene	23.133	252	1164944	19.473	ng/ul	98
91)	Benzo(k)fluoranthene	23.186	252	1044878	19.140	ng/ul#	97
93)	Benzo(a)pyrene	23.780	252	1074385	19.374	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.462	276	1109615	19.135	ng/ul#	96
95)	Dibenzo(a,h)anthracene	26.486	278	954525	18.983	ng/ul#	96
96)	Benzo(g,h,i)perylene	27.256	276	903171	18.889	ng/ul	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020749

Manual Integrations APPROVED

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Supervised By :Yogesh Patel 04/14/2022