Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
Data File : BP009783.D
Acq On : 12 Apr 2022 15:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020745

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/13/2022

Quant Time: Apr 13 02:20:59 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	7.969	152	119387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	549658	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	400421	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	905606	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.427	240	1000234	20.000	ng/ul	# 0.00
88) Perylene-d12	23.898	264	1013193	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	20819m	7.783	ng/uL	0.00
4) Pyridine-d5	3.805	84	143708	19.484	ng/ul	0.00
7) Phenol-d5	7.122	99	199653	19.048	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	124377	19.932	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	155396	19.655	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	170030	19.432	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	83099	20.965	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	89063	20.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	177976	19.572	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	241262	18.628	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	599483	19.059	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	725291	19.464	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	109223	19.148	ng/ul	0.00
60) Fluorene-d10	15.592	176	514475	19.444	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	98926	18.440	ng/ul	0.00
73) Anthracene-d10	17.451	188	847470	19.545	ng/ul	0.00
81) Pyrene-d10	19.674	212	1035913	18.963	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1028818	19.499	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	20931	7.675	ng/uL#	21
5) Pyridine	3.822	79	153120	19.898	ng/ul#	39
6) Benzaldehyde	7.099	77	140589	21.871	ng/ul	97
8) Phenol	7.146	94	202695	19.320	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.387	93	161639	19.779	ng/ul#	76
12) 2-Chlorophenol	7.528	128	158175	19.844	ng/ul	94
13) 2-Methylphenol	8.404	108	157911	19.302	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	249646	20.666	ng/ul#	84
16) Acetophenone	8.787	105	275331	19.972	ng/ul#	77
17) N-Nitroso-di-n-propyla...	8.775	70	143891	20.133	ng/ul#	71
18) 4-Methylphenol	8.734	108	171953	19.409	ng/ul	94
19) Hexachloroethane	9.057	117	68187	20.261	ng/ul#	78
22) Nitrobenzene	9.169	77	213763m	21.011	ng/ul	
23) Isophorone	9.699	82	401670	19.159	ng/ul	97
25) 2-Nitrophenol	9.881	139	96510	20.823	ng/ul#	87
26) 2,4-Dimethylphenol	9.940	107	213208	19.384	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.181	93	236055	19.178	ng/ul#	96
29) 2,4-Dichlorophenol	10.416	162	173079	19.632	ng/ul#	83
30) Naphthalene	10.828	128	548353	19.398	ng/ul	97
32) 4-Chloroaniline	10.928	127	239066	18.652	ng/ul	99
33) Hexachlorobutadiene	11.122	225	124635	19.629	ng/ul	99
34) Caprolactam	11.693	113	58607m	20.102	ng/ul	
35) 4-Chloro-3-methylphenol	12.045	107	210653	19.720	ng/ul#	71
36) 2-Methylnaphthalene	12.428	142	404014	19.563	ng/ul	91

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.645	142	406663	19.502	ng/ul#	96
39)	1,2,4,5-Tetrachloroben...	12.798	216	237579	19.393	ng/ul#	94
40)	Hexachlorocyclopentadiene	12.787	237	142588	16.772	ng/ul	98
41)	2,4,6-Trichlorophenol	13.034	196	153246	19.587	ng/ul#	83
42)	2,4,5-Trichlorophenol	13.098	196	169918	20.097	ng/ul#	87
43)	1,1'-Biphenyl	13.434	154	560461	19.183	ng/ul	94
44)	2-Chloronaphthalene	13.475	162	437430	19.478	ng/ul	95
45)	2-Nitroaniline	13.669	65	144894	22.015	ng/ul#	78
47)	Dimethylphthalate	14.051	163	582855	19.253	ng/ul#	92
48)	2,6-Dinitrotoluene	14.163	165	116606	20.941	ng/ul	99
50)	Acenaphthylene	14.316	152	718221	19.530	ng/ul	95
51)	3-Nitroaniline	14.492	138	124662	21.535	ng/ul#	82
52)	Acenaphthene	14.663	153	467956	19.435	ng/ul	97
53)	2,4-Dinitrophenol	14.692	184	62298	18.509	ng/ul#	80
55)	4-Nitrophenol	14.792	109	107887m	20.546	ng/ul	
56)	Dibenzofuran	14.998	168	690207	19.477	ng/ul	97
57)	2,4-Dinitrotoluene	14.951	165	176331	21.565	ng/ul#	80
58)	2,3,4,6-Tetrachlorophenol	15.222	232	153417	19.901	ng/ul#	84
59)	Diethylphthalate	15.422	149	606796	19.368	ng/ul	93
61)	Fluorene	15.645	166	575904	19.731	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.639	204	303389	19.548	ng/ul	98
63)	4-Nitroaniline	15.651	138	133785m	23.074	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.716	198	98392	18.451	ng/ul#	89
67)	N-Nitrosodiphenylamine	15.851	169	501101	19.330	ng/ul	95
68)	4-Bromophenyl-phenylether	16.539	248	185151	18.887	ng/ul	94
69)	Hexachlorobenzene	16.657	284	217482	19.294	ng/ul#	90
70)	Atrazine	16.804	200	199470	18.641	ng/ul#	88
71)	Pentachlorophenol	16.998	266	137135	17.974	ng/ul#	84
72)	Phenanthrene	17.392	178	937897	19.402	ng/ul	98
74)	Anthracene	17.480	178	963847	19.666	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.398	216	251149	19.182	ng/uL#	86
76)	Pentachlorobenzene	14.916	250	250190	19.604	ng/uL	92
77)	Carbazole	17.745	167	857318	19.357	ng/ul#	95
78)	Di-n-butylphthalate	18.304	149	1057111	19.409	ng/ul#	94
80)	Fluoranthene	19.351	202	1175088	18.688	ng/ul#	95
82)	Pyrene	19.704	202	1215858	19.072	ng/ul#	93
83)	Butylbenzylphthalate	20.574	149	498398	19.057	ng/ul#	81
84)	3,3'-Dichlorobenzidine	21.339	252	431948	20.265	ng/ul#	95
85)	Benzo(a)anthracene	21.416	228	1243735	19.614	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.339	149	758415	19.279	ng/ul#	81
87)	Chrysene	21.468	228	1207162	19.732	ng/ul	99
89)	Di-n-octyl phthalate	22.292	149	1301897	18.340	ng/ul	100
90)	Benzo(b)fluoranthene	23.145	252	1322352	19.644	ng/ul	99
91)	Benzo(k)fluoranthene	23.192	252	1178581	19.187	ng/ul#	98
93)	Benzo(a)pyrene	23.786	252	1229762	19.708	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.474	276	1294159	19.834	ng/ul#	95
95)	Dibenzo(a,h)anthracene	26.498	278	1125210	19.887	ng/ul#	96
96)	Benzo(g,h,i)perylene	27.268	276	1063219	19.762	ng/ul	92

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

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