Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041822\
Data File : BP009906.D
Acq On : 18 Apr 2022 09:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 19 00:40:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020757

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	120460	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.763	136	545546	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	391124	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	906865	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.415	240	964799	20.000	ng/ul	# 0.00
88) Perylene-d12	23.880	264	905072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	22320m	8.269	ng/uL	0.00
4) Pyridine-d5	3.799	84	148878	20.006	ng/ul	0.00
7) Phenol-d5	7.110	99	215180	20.347	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	133065	21.135	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	167532	21.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	181198	20.524	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	85955	21.849	ng/ul	0.00
24) 2-Nitrophenol-d4	9.839	143	95062	22.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	190474	21.104	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	284379	22.122	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	624562	20.329	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	761501	20.921	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	105101m	18.863	ng/ul	0.00
60) Fluorene-d10	15.580	176	548630	21.227	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	101010	18.802	ng/ul	0.00
73) Anthracene-d10	17.433	188	894716	20.606	ng/ul	0.00
81) Pyrene-d10	19.662	212	1113538	21.133	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	987851	20.959	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	21617	7.856	ng/uL#	17
5) Pyridine	3.816	79	153448	19.763	ng/ul#	42
6) Benzaldehyde	7.087	77	105304m	16.236	ng/ul	
8) Phenol	7.134	94	215393	20.347	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.375	93	172124m	20.874	ng/ul	
12) 2-Chlorophenol	7.516	128	167385	20.812	ng/ul	94
13) 2-Methylphenol	8.392	108	168824	20.452	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.486	45	251171	20.607	ng/ul#	84
16) Acetophenone	8.775	105	288475	20.739	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.763	70	150224	20.832	ng/ul#	74
18) 4-Methylphenol	8.722	108	187475	20.972	ng/ul	97
19) Hexachloroethane	9.045	117	70300	20.703	ng/ul	86
22) Nitrobenzene	9.157	77	220946	21.880	ng/ul#	82
23) Isophorone	9.686	82	414006	19.896	ng/ul	96
25) 2-Nitrophenol	9.869	139	100060	21.751	ng/ul#	84
26) 2,4-Dimethylphenol	9.928	107	225068	20.617	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.169	93	252568	20.674	ng/ul#	97
29) 2,4-Dichlorophenol	10.404	162	184861	21.127	ng/ul#	84
30) Naphthalene	10.810	128	587233	20.930	ng/ul	97
32) 4-Chloroaniline	10.916	127	286040	22.486	ng/ul	99
33) Hexachlorobutadiene	11.110	225	130817	20.758	ng/ul	95
34) Caprolactam	11.675	113	62743m	21.682	ng/ul	
35) 4-Chloro-3-methylphenol	12.033	107	221508	20.892	ng/ul#	69
36) 2-Methylnaphthalene	12.416	142	428302	20.895	ng/ul	91

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.633	142	433628	20.951	ng/ul#	97
39)	1,2,4,5-Tetrachloroben...	12.786	216	249491	20.849	ng/ul	91
40)	Hexachlorocyclopentadiene	12.769	237	133088	16.027	ng/ul	95
41)	2,4,6-Trichlorophenol	13.022	196	163696	21.421	ng/ul#	86
42)	2,4,5-Trichlorophenol	13.092	196	179972	21.792	ng/ul#	88
43)	1,1'-Biphenyl	13.422	154	604769	21.192	ng/ul	94
44)	2-Chloronaphthalene	13.463	162	466443	21.263	ng/ul	94
45)	2-Nitroaniline	13.657	65	150766	23.452	ng/ul#	77
47)	Dimethylphthalate	14.039	163	610718	20.653	ng/ul#	92
48)	2,6-Dinitrotoluene	14.157	165	122399	22.503	ng/ul	94
50)	Acenaphthylene	14.310	152	759239	21.137	ng/ul	95
51)	3-Nitroaniline	14.480	138	79993	14.147	ng/ul#	80
52)	Acenaphthene	14.651	153	490205	20.843	ng/ul	96
53)	2,4-Dinitrophenol	14.686	184	54126	16.463	ng/ul#	83
55)	4-Nitrophenol	14.780	109	96781m	18.869	ng/ul	
56)	Dibenzofuran	14.986	168	731147	21.123	ng/ul	100
57)	2,4-Dinitrotoluene	14.939	165	184416	23.090	ng/ul#	82
58)	2,3,4,6-Tetrachlorophenol	15.210	232	162158	21.535	ng/ul#	86
59)	Diethylphthalate	15.404	149	622926	20.355	ng/ul	93
61)	Fluorene	15.633	166	600446	21.060	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.627	204	317069	20.915	ng/ul	96
63)	4-Nitroaniline	15.639	138	74942	13.232	ng/ul#	77
66)	4,6-Dinitro-2-methylph...	15.704	198	100128	18.750	ng/ul#	89
67)	N-Nitrosodiphenylamine	15.839	169	526414	20.278	ng/ul	94
68)	4-Bromophenyl-phenylether	16.527	248	196866	20.055	ng/ul	92
69)	Hexachlorobenzene	16.645	284	228932	20.282	ng/ul#	91
70)	Atrazine	16.792	200	206430	19.265	ng/ul	91
71)	Pentachlorophenol	16.986	266	141783m	18.557	ng/ul	
72)	Phenanthrene	17.380	178	1002935	20.719	ng/ul	98
74)	Anthracene	17.468	178	1022333	20.831	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.386	216	266512	20.327	ng/uL#	88
76)	Pentachlorobenzene	14.910	250	260726	20.401	ng/uL	92
77)	Carbazole	17.733	167	915392	20.639	ng/ul#	96
78)	Di-n-butylphthalate	18.292	149	1077728	19.761	ng/ul#	92
80)	Fluoranthene	19.339	202	1251633	20.637	ng/ul	96
82)	Pyrene	19.692	202	1299338	21.130	ng/ul#	94
83)	Butylbenzylphthalate	20.562	149	523599	20.756	ng/ul#	80
84)	3,3'-Dichlorobenzidine	21.327	252	313585	15.253	ng/ul#	97
85)	Benzo(a)anthracene	21.403	228	1281869	20.958	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.327	149	762981	20.108	ng/ul#	82
87)	Chrysene	21.456	228	1242318	21.052	ng/ul	99
89)	Di-n-octyl phthalate	22.274	149	1306692	20.606	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	1264699	21.032	ng/ul	99
91)	Benzo(k)fluoranthene	23.174	252	1169847	21.320	ng/ul#	98
93)	Benzo(a)pyrene	23.768	252	1165658	20.912	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.450	276	1190080	20.417	ng/ul#	96
95)	Dibenzo(a,h)anthracene	26.468	278	1010163	19.987	ng/ul#	94
96)	Benzo(g,h,i)perylene	27.238	276	988743	20.573	ng/ul#	92

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

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