Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040722\
Data File : BP009702.D
Acq On : 07 Apr 2022 16:55
Operator : CG/JU
Sample : SSTD04019
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040619

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/08/2022
Supervised By :mohammad ahmed 04/11/2022

Quant Time: Apr 07 18:17:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 18:14:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	118743	20.000	ng/ul		0.00
20) Naphthalene-d8	10.793	136	529728	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.610	164	375069	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.363	188	835886	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.445	240	879515	20.000	ng/ul		0.00
88) Perylene-d12	23.927	264	879698	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.393	96	41802	14.149	ng/uL		0.00
4) Pyridine-d5	3.811	84	292142	39.631	ng/ul		0.00
7) Phenol-d5	7.134	99	416602	43.310	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	246373	42.678	ng/ul		0.00
11) 2-Chlorophenol-d4	7.510	132	320166	42.573	ng/ul		0.00
15) 4-Methylphenol-d8	8.687	113	350162	47.622	ng/ul		0.00
21) Nitrobenzene-d5	9.140	128	160066	51.813	ng/ul		0.00
24) 2-Nitrophenol-d4	9.863	143	183194	62.565	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.404	165	363557	46.600	ng/ul		0.00
31) 4-Chloroaniline-d4	10.916	131	494885	44.859	ng/ul		0.00
46) Dimethylphthalate-d6	14.022	166	1182497	44.986	ng/ul		0.00
49) Acenaphthylene-d8	14.304	160	1435528	41.333	ng/ul		0.00
54) 4-Nitrophenol-d4	14.792	143	217746	52.308	ng/ul		0.00
60) Fluorene-d10	15.604	176	996296	43.560	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	203575	60.002	ng/ul		0.00
73) Anthracene-d10	17.463	188	1614865	41.107	ng/ul		0.00
81) Pyrene-d10	19.692	212	1961907	40.581	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.768	264	1891418	42.510	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	41101	13.913	ng/uL	#	16
5) Pyridine	3.828	79	306092	39.133	ng/ul	#	42
6) Benzaldehyde	7.110	77	267312	47.234	ng/ul		97
8) Phenol	7.157	94	413286	42.681	ng/ul	#	90
10) Bis(2-Chloroethyl)ether	7.399	93	322881	41.775	ng/ul	#	75
12) 2-Chlorophenol	7.540	128	321559	42.251	ng/ul		94
13) 2-Methylphenol	8.416	108	327731	45.367	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.516	45	479961	51.642	ng/ul	#	86
16) Acetophenone	8.804	105	553531	49.275	ng/ul	#	80
17) N-Nitroso-di-n-propyla...	8.799	70	290915	51.975	ng/ul	#	74
18) 4-Methylphenol	8.752	108	356679	46.969	ng/ul		90
19) Hexachloroethane	9.069	117	134890	43.409	ng/ul		84
22) Nitrobenzene	9.181	77	410298	51.000	ng/ul	#	84
23) Isophorone	9.716	82	823718	46.310	ng/ul		97
25) 2-Nitrophenol	9.899	139	193750	56.552	ng/ul	#	86
26) 2,4-Dimethylphenol	9.957	107	434247	46.953	ng/ul	#	81
27) Bis(2-Chloroethoxy)met...	10.199	93	471698	43.373	ng/ul	#	98
29) 2,4-Dichlorophenol	10.434	162	347872	45.286	ng/ul	#	84
30) Naphthalene	10.840	128	1085336	40.326	ng/ul		97
32) 4-Chloroaniline	10.946	127	489438	44.831	ng/ul		98
33) Hexachlorobutadiene	11.140	225	245167	44.042	ng/ul		94
34) Caprolactam	11.716	113	112388m	50.702	ng/ul		
35) 4-Chloro-3-methylphenol	12.063	107	420154	54.026	ng/ul	#	70
36) 2-Methylnaphthalene	12.445	142	798359	44.265	ng/ul		90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	798423	44.275	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.810	216	466540	39.113	ng/ul#	93
40) Hexachlorocyclopentadiene	12.798	237	320186	42.739	ng/ul	97
41) 2,4,6-Trichlorophenol	13.045	196	304073	44.022	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.116	196	319394	43.706	ng/ul#	87
43) 1,1'-Biphenyl	13.451	154	1100955	38.458	ng/ul	93
44) 2-Chloronaphthalene	13.492	162	858615	39.437	ng/ul	93
45) 2-Nitroaniline	13.681	65	275107	71.886	ng/ul#	79
47) Dimethylphthalate	14.069	163	1144943	45.005	ng/ul#	92
48) 2,6-Dinitrotoluene	14.181	165	228342	65.684	ng/ul	94
50) Acenaphthylene	14.334	152	1403984	40.773	ng/ul	95
51) 3-Nitroaniline	14.504	138	235469	53.646	ng/ul#	83
52) Acenaphthene	14.675	153	902340	40.322	ng/ul	97
53) 2,4-Dinitrophenol	14.710	184	125403	59.005	ng/ul#	82
55) 4-Nitrophenol	14.810	109	201677	61.308	ng/ul#	58
56) Dibenzofuran	15.010	168	1324009	41.826	ng/ul	96
57) 2,4-Dinitrotoluene	14.963	165	336647	67.394	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.234	232	304483	53.287	ng/ul#	86
59) Diethylphthalate	15.439	149	1175654	47.751	ng/ul	93
61) Fluorene	15.663	166	1099472	44.308	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.657	204	581086	46.149	ng/ul	96
63) 4-Nitroaniline	15.669	138	249159	58.565	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.734	198	204554	57.345	ng/ul#	94
67) N-Nitrosodiphenylamine	15.869	169	963236	39.380	ng/ul	94
68) 4-Bromophenyl-phenylether	16.551	248	361404	41.446	ng/ul	97
69) Hexachlorobenzene	16.669	284	414453	41.397	ng/ul#	91
70) Atrazine	16.828	200	394549	45.243	ng/ul#	91
71) Pentachlorophenol	17.010	266	281983	47.710	ng/ul#	85
72) Phenanthrene	17.410	178	1796686	40.317	ng/ul	99
74) Anthracene	17.498	178	1825582	41.036	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	494828	35.128	ng/uL#	86
76) Pentachlorobenzene	14.934	250	479452	38.213	ng/uL	89
77) Carbazole	17.763	167	1641138	41.446	ng/ul#	95
78) Di-n-butylphthalate	18.322	149	2063782	47.011	ng/ul#	93
80) Fluoranthene	19.369	202	2249284	40.377	ng/ul#	95
82) Pyrene	19.722	202	2267951	39.822	ng/ul#	93
83) Butylbenzylphthalate	20.592	149	971891	52.857	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.357	252	835733	45.091	ng/ul#	95
85) Benzo(a)anthracene	21.433	228	2250539	40.480	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.363	149	1430233	48.931	ng/ul#	81
87) Chrysene	21.486	228	2180394	40.469	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	2412868	50.668	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	2312726	41.714	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	2197034	43.721	ng/ul#	98
93) Benzo(a)pyrene	23.821	252	2215722	41.704	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.533	276	2422162	38.504	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.551	278	2096588	39.479	ng/ul#	95
96) Benzo(g,h,i)perylene	27.321	276	2006203	37.241	ng/ul	94

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

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