Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009954.D
Acq On : 19 Apr 2022 20:18
Operator : CG/JU
Sample : PB144181BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS181

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/20/2022
Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 20 01:33:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 01:32:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	127874	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	572547	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	407722	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	888175	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.410	240	899925	20.000	ng/ul	# 0.00
88) Perylene-d12	23.868	264	858903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	21256	7.419	ng/uL	0.00
4) Pyridine-d5	3.781	84	279405	35.368	ng/ul	0.00
7) Phenol-d5	7.105	99	420205	37.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	264294	39.544	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	335779	39.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	363974	38.837	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	175262	42.449	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	197262	43.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	365844	38.623	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	449952	33.352	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	1226524	38.296	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1390475	36.646	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	217957	37.525	ng/ul	0.00
60) Fluorene-d10	15.569	176	1045902	38.820	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	222077	42.207	ng/ul	0.00
73) Anthracene-d10	17.428	188	1664558	39.143	ng/ul	0.00
81) Pyrene-d10	19.657	212	2005710	40.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	1797521	40.187	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	40432	13.842	ng/uL#	13
5) Pyridine	3.805	79	292613	35.501	ng/ul#	48
6) Benzaldehyde	7.075	77	262224	38.086	ng/ul	94
8) Phenol	7.128	94	444510	39.556	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.363	93	341563	39.021	ng/ul#	78
12) 2-Chlorophenol	7.505	128	340489	39.881	ng/ul	94
13) 2-Methylphenol	8.387	108	342848	39.126	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	498101	38.496	ng/ul#	85
16) Acetophenone	8.769	105	562709	38.109	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.757	70	295341	38.580	ng/ul#	75
18) 4-Methylphenol	8.716	108	373572	39.367	ng/ul	93
19) Hexachloroethane	9.034	117	142169	39.441	ng/ul	84
22) Nitrobenzene	9.146	77	426340	40.229	ng/ul#	85
23) Isophorone	9.675	82	839109	38.424	ng/ul#	96
25) 2-Nitrophenol	9.863	139	204613	42.382	ng/ul#	84
26) 2,4-Dimethylphenol	9.922	107	434468	37.922	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.157	93	494809	38.593	ng/ul#	97
29) 2,4-Dichlorophenol	10.399	162	365366	39.787	ng/ul#	82
30) Naphthalene	10.804	128	1141155	38.754	ng/ul	97
32) 4-Chloroaniline	10.904	127	451692	33.833	ng/ul	98
33) Hexachlorobutadiene	11.099	225	250355	37.853	ng/ul	94
34) Caprolactam	11.675	113	84403m	27.792	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	426282	38.310	ng/ul#	72
36) 2-Methylnaphthalene	12.404	142	811830	37.738	ng/ul	91

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.628	142	832641	38.333	ng/ul#	93
39)	1,2,4,5-Tetrachloroben...	12.775	216	480231	38.498	ng/ul	93
40)	Hexachlorocyclopentadiene	12.763	237	302473	34.942	ng/ul	95
41)	2,4,6-Trichlorophenol	13.010	196	287625	36.105	ng/ul#	83
42)	2,4,5-Trichlorophenol	13.081	196	296571	34.449	ng/ul#	87
43)	1,1'-Biphenyl	13.410	154	1147555	38.575	ng/ul	93
44)	2-Chloronaphthalene	13.451	162	882073	38.573	ng/ul	94
45)	2-Nitroaniline	13.651	65	297664	44.418	ng/ul#	81
47)	Dimethylphthalate	14.034	163	1201410	38.975	ng/ul#	92
48)	2,6-Dinitrotoluene	14.145	165	254014	44.800	ng/ul	96
50)	Acenaphthylene	14.298	152	1459586	38.980	ng/ul	96
51)	3-Nitroaniline	14.475	138	232389	39.425	ng/ul#	78
52)	Acenaphthene	14.639	153	941531	38.404	ng/ul	96
53)	2,4-Dinitrophenol	14.681	184	110639	32.282	ng/ul#	81
55)	4-Nitrophenol	14.781	109	195875	36.635	ng/ul#	51
56)	Dibenzofuran	14.975	168	1378492	38.204	ng/ul	98
57)	2,4-Dinitrotoluene	14.934	165	370700	44.525	ng/ul#	86
58)	2,3,4,6-Tetrachlorophenol	15.204	232	308733	39.331	ng/ul#	88
59)	Diethylphthalate	15.398	149	1242684	38.954	ng/ul	93
61)	Fluorene	15.628	166	1141775	38.417	ng/ul	91
62)	4-Chlorophenyl-phenyle...	15.616	204	609653	38.578	ng/ul	97
63)	4-Nitroaniline	15.639	138	258322m	43.754	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.698	198	216676	41.429	ng/ul#	90
67)	N-Nitrosodiphenylamine	15.834	169	1020115	40.123	ng/ul	95
68)	4-Bromophenyl-phenylether	16.516	248	379116	39.433	ng/ul	94
69)	Hexachlorobenzene	16.639	284	438049	39.624	ng/ul#	91
70)	Atrazine	16.786	200	415826	39.624	ng/ul#	89
71)	Pentachlorophenol	16.981	266	258020	34.481	ng/ul#	85
72)	Phenanthrene	17.375	178	1889772	39.861	ng/ul	100
74)	Anthracene	17.463	178	1905930	39.652	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.381	216	515064	40.111	ng/uL#	87
76)	Pentachlorobenzene	14.898	250	493500	39.428	ng/uL	90
77)	Carbazole	17.728	167	1702491	39.194	ng/ul#	96
78)	Di-n-butylphthalate	18.280	149	2162763	40.490	ng/ul#	93
80)	Fluoranthene	19.333	202	2331474	41.212	ng/ul	96
82)	Pyrene	19.686	202	2396948	41.789	ng/ul#	94
83)	Butylbenzylphthalate	20.557	149	1004295	42.681	ng/ul#	79
84)	3,3'-Dichlorobenzidine	21.321	252	723937	37.750	ng/ul#	97
85)	Benzo(a)anthracene	21.398	228	2278124	39.932	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.316	149	1476655	41.721	ng/ul#	81
87)	Chrysene	21.451	228	2263191	41.116	ng/ul	99
89)	Di-n-octyl phthalate	22.263	149	2518863	41.857	ng/ul	100
90)	Benzo(b)fluoranthene	23.121	252	2351673	41.210	ng/ul	99
91)	Benzo(k)fluoranthene	23.168	252	2115021	40.617	ng/ul#	97
93)	Benzo(a)pyrene	23.763	252	2146773	40.584	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.439	276	2214900	40.042	ng/ul#	95
95)	Dibenzo(a,h)anthracene	26.457	278	1915999	39.947	ng/ul#	96
96)	Benzo(g,h,i)perylene	27.227	276	1866922	40.933	ng/ul	92

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

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