Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110822\
Data File : BP012582.D
Acq On : 09 Nov 2022 10:12
Operator : CG/JU
Sample : PB148823BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS823

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/10/2022
Supervised By :mohammad ahmed 11/14/2022

Quant Time: Nov 09 22:27:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 22:40:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	252208	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1254125	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	870058	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	1923001	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	1821090	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1705642	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	29898	4.773	ng/uL	0.00
4) Pyridine-d5	3.646	84	267557	14.870	ng/ul	0.00
7) Phenol-d5	6.958	99	683458	30.213	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	375269	27.789	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	496882	30.079	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	549809	30.731	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	264938	32.577	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	296123	35.081	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	570176	31.168	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	436296	16.018	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	1707600	28.670	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1946384	28.596	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	295549	26.219	ng/ul	-0.01
60) Fluorene-d10	15.416	176	1472732	28.880	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	307657	30.729	ng/ul	0.00
73) Anthracene-d10	17.281	188	2382167	28.750	ng/ul	0.00
81) Pyrene-d10	19.527	212	2806664	30.697	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2435004	29.218	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	63107	9.477	ng/uL	99
5) Pyridine	3.664	79	396506	22.423	ng/ul	99
6) Benzaldehyde	6.916	77	294907	27.642	ng/ul	99
8) Phenol	6.981	94	673132	28.619	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.199	93	499359	26.453	ng/ul	100
12) 2-Chlorophenol	7.334	128	504571	28.058	ng/ul	98
13) 2-Methylphenol	8.228	108	509476	28.167	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.305	45	653670	25.821	ng/ul	99
16) Acetophenone	8.599	105	807512	29.060	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.581	70	393049	29.381	ng/ul	100
18) 4-Methylphenol	8.557	108	576406	29.156	ng/ul	98
19) Hexachloroethane	8.834	117	184960	26.743	ng/ul	94
22) Nitrobenzene	8.981	77	595763	28.077	ng/ul	99
23) Isophorone	9.504	82	1151993	25.944	ng/ul	99
25) 2-Nitrophenol	9.687	139	314156	31.038	ng/ul	97
26) 2,4-Dimethylphenol	9.757	107	615460	27.693	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	743481	26.166	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	545617	28.731	ng/ul	99
30) Naphthalene	10.616	128	1723755	25.934	ng/ul	99
32) 4-Chloroaniline	10.740	127	629510	22.461	ng/ul	99
33) Hexachlorobutadiene	10.887	225	310413	26.273	ng/ul	98
34) Caprolactam	11.546	113	181925	28.154	ng/ul	95
35) 4-Chloro-3-methylphenol	11.887	107	631844	30.280	ng/ul	99
36) 2-Methylnaphthalene	12.234	142	1220375	26.781	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	1219351	26.794	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	657312	25.720	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	249635	21.113	ng/ul	100
41) 2,4,6-Trichlorophenol	12.851	196	453552	27.764	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	507068	28.460	ng/ul	100
43) 1,1'-Biphenyl	13.251	154	1646268	25.732	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	1303169	25.922	ng/ul	99
45) 2-Nitroaniline	13.516	65	389755	33.450	ng/ul	100
47) Dimethylphthalate	13.887	163	1697252	27.047	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	357127	34.275	ng/ul	99
50) Acenaphthylene	14.140	152	2040989	26.738	ng/ul	99
51) 3-Nitroaniline	14.351	138	362449	28.409	ng/ul	100
52) Acenaphthene	14.487	153	1404478	26.182	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	188353	26.768	ng/ul	97
55) 4-Nitrophenol	14.687	109	213621	25.046	ng/ul	89
56) Dibenzofuran	14.822	168	1960401	26.769	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	514949	32.812	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.057	232	434843	28.755	ng/ul	98
59) Diethylphthalate	15.251	149	1727134	28.286	ng/ul	99
61) Fluorene	15.475	166	1586202	27.260	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	782696	27.423	ng/ul	98
63) 4-Nitroaniline	15.522	138	373628m	32.415	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.575	198	304853	28.578	ng/ul	97
67) N-Nitrosodiphenylamine	15.686	169	1419404	26.207	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	539191	27.915	ng/ul	99
69) Hexachlorobenzene	16.481	284	631606	27.264	ng/ul	97
70) Atrazine	16.651	200	337105	17.967	ng/ul	99
71) Pentachlorophenol	16.833	266	362443	25.475	ng/ul	99
72) Phenanthrene	17.228	178	2697782	26.555	ng/ul	99
74) Anthracene	17.316	178	2707945	26.832	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	695811	25.294	ng/uL	100
76) Pentachlorobenzene	14.739	250	689849	23.748	ng/uL	99
77) Carbazole	17.598	167	2508383	27.906	ng/ul	100
78) Di-n-butylphthalate	18.145	149	3120860	29.885	ng/ul	99
80) Fluoranthene	19.204	202	3254659	28.831	ng/ul	97
82) Pyrene	19.557	202	3328213	28.464	ng/ul	97
83) Butylbenzylphthalate	20.433	149	1491554	34.216	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.204	252	968616	24.486	ng/ul	99
85) Benzo(a)anthracene	21.269	228	3122922	26.880	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	2174839	32.627	ng/ul	100
87) Chrysene	21.321	228	2944936	27.114	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	3663480	36.010	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	3049247	28.232	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	2948559	28.646	ng/ul	98
93) Benzo(a)pyrene	23.557	252	2570460	27.253	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.127	276	3112061	26.479	ng/ul	98
95) Dibenzo(a,h)anthracene	26.139	278	2666717	25.341	ng/ul	98
96) Benzo(g,h,i)perylene	26.886	276	2606778	25.091	ng/ul	98

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

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