Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014179.D
Acq On : 21 Mar 2023 13:49
Operator : CG/JU
Sample : PB151508BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS508

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023

Quant Time: Mar 22 01:19:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 04:47:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	182800	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	774862	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	519343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1198318	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	1129624	20.000	ng/ul	# 0.00
88) Perylene-d12	24.039	264	973869	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	29137	6.022	ng/uL	0.00
4) Pyridine-d5	3.846	84	407843	30.446	ng/ul	0.00
7) Phenol-d5	7.210	99	617868	38.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	372593	39.604	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	454255	36.960	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	497402	37.748	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	231426	37.432	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	277393	37.481	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	504775	36.248	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	455595	24.722	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1574025	35.712	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	1719852	36.835	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	283726	36.529	ng/ul	0.00
60) Fluorene-d10	15.681	176	1336914	35.790	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	326349	36.033	ng/ul	0.00
73) Anthracene-d10	17.545	188	2136023	36.719	ng/ul	0.00
81) Pyrene-d10	19.769	212	2591802	41.600	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	2010585	38.812	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	61709	11.815	ng/uL	89
5) Pyridine	3.863	79	424818	31.272	ng/ul	95
6) Benzaldehyde	7.187	77	265232	33.044	ng/ul	99
8) Phenol	7.234	94	626424	37.655	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.469	93	477753	37.485	ng/ul	99
12) 2-Chlorophenol	7.610	128	460115	37.157	ng/ul	95
13) 2-Methylphenol	8.499	108	464878	37.580	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.581	45	607909	44.167	ng/ul	99
16) Acetophenone	8.881	105	781341	36.705	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.869	70	419294	38.502	ng/ul	98
18) 4-Methylphenol	8.828	108	513024	37.705	ng/ul	97
19) Hexachloroethane	9.134	117	204488	37.705	ng/ul	95
22) Nitrobenzene	9.269	77	634161	38.344	ng/ul	99
23) Isophorone	9.798	82	1185530	37.223	ng/ul	98
25) 2-Nitrophenol	9.981	139	281380	36.890	ng/ul	95
26) 2,4-Dimethylphenol	10.040	107	575633	34.478	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.275	93	687360	37.311	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	486909	35.446	ng/ul	99
30) Naphthalene	10.922	128	1517937	35.674	ng/ul	99
32) 4-Chloroaniline	11.034	127	475506	25.642	ng/ul	97
33) Hexachlorobutadiene	11.198	225	358024	32.754	ng/ul	95
34) Caprolactam	11.834	113	163641m	36.689	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	590537	37.178	ng/ul	96
36) 2-Methylnaphthalene	12.522	142	1053786	35.309	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.739	142	1069127	35.641	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	649710	34.595	ng/ul	99
40) Hexachlorocyclopentadiene	12.857	237	387309	28.800	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	425305	36.050	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	468618	36.194	ng/ul	98
43) 1,1'-Biphenyl	13.522	154	1460450	36.526	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	1166177	36.723	ng/ul	97
45) 2-Nitroaniline	13.781	65	402429	42.847	ng/ul	94
47) Dimethylphthalate	14.139	163	1548325	35.490	ng/ul	100
48) 2,6-Dinitrotoluene	14.269	165	332606	38.562	ng/ul	99
50) Acenaphthylene	14.416	152	1797885	36.692	ng/ul	100
51) 3-Nitroaniline	14.604	138	294690	38.588	ng/ul	96
52) Acenaphthene	14.751	153	1255869	36.662	ng/ul	98
53) 2,4-Dinitrophenol	14.810	184	223821	34.749	ng/ul	96
55) 4-Nitrophenol	14.910	109	271186	32.323	ng/ul	87
56) Dibenzofuran	15.086	168	1778498	35.689	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	485070	37.641	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.316	232	416867	33.654	ng/ul	99
59) Diethylphthalate	15.498	149	1612478	36.441	ng/ul	98
61) Fluorene	15.739	166	1478817	35.799	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.728	204	781062	34.258	ng/ul	98
63) 4-Nitroaniline	15.769	138	334054	42.555	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	318145	36.819	ng/ul	98
67) N-Nitrosodiphenylamine	15.939	169	1269254	37.503	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	507841	35.056	ng/ul	98
69) Hexachlorobenzene	16.745	284	599252	35.104	ng/ul	98
70) Atrazine	16.892	200	199406	13.661	ng/ul	97
71) Pentachlorophenol	17.092	266	352898	31.626	ng/ul	99
72) Phenanthrene	17.486	178	2389152	36.554	ng/ul	99
74) Anthracene	17.580	178	2413134	36.413	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.492	216	662317	36.014	ng/uL	99
76) Pentachlorobenzene	15.004	250	670815	35.115	ng/uL	99
77) Carbazole	17.851	167	2206152	37.741	ng/ul	100
78) Di-n-butylphthalate	18.374	149	2886619	39.513	ng/ul	100
80) Fluoranthene	19.445	202	2992561	42.141	ng/ul	96
82) Pyrene	19.798	202	3074151	41.498	ng/ul	96
83) Butylbenzylphthalate	20.651	149	1368550	45.817	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	773394	26.745	ng/ul	97
85) Benzo(a)anthracene	21.504	228	2973582	37.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2051781	45.945	ng/ul	100
87) Chrysene	21.563	228	2797629	36.946	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3408760	55.472	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2606980	40.173	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	2511882	40.593	ng/ul	98
93) Benzo(a)pyrene	23.933	252	2134928	37.824	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	2501301	33.476	ng/ul	96
95) Dibenzo(a,h)anthracene	26.709	278	2093625	33.712	ng/ul	99
96) Benzo(g,h,i)perylene	27.509	276	2002804	33.535	ng/ul	97

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

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