Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015573.D
Acq On : 16 Jun 2023 10:42
Operator : MA/JU
Sample : PB153448BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 16 22:18:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS448

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	127434	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	580760	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	400382	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	941782	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	916577	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	992694	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	18912	5.495	ng/uL	0.00
4) Pyridine-d5	3.840	84	275233	30.790	ng/ul	0.00
7) Phenol-d5	7.240	99	359178	30.594	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	223120	31.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	282059	33.137	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	310699	32.246	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	147354	32.318	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	170068	32.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	311829	32.830	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	408263	29.945	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	1042880	33.031	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	1143106	33.111	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	166324	29.417	ng/ul	0.00
60) Fluorene-d10	15.722	176	872180	32.759	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	185076	31.020	ng/ul	0.00
73) Anthracene-d10	17.586	188	1424682	33.248	ng/ul	0.00
81) Pyrene-d10	19.810	212	1757210	35.820	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1707964	34.290	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	36871	10.143	ng/uL	89
5) Pyridine	3.864	79	249468	26.919	ng/ul	95
6) Benzaldehyde	7.216	77	199473m	44.452	ng/ul	
8) Phenol	7.269	94	342541	28.281	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.499	93	263380	27.504	ng/ul	98
12) 2-Chlorophenol	7.646	128	256063	28.473	ng/ul	98
13) 2-Methylphenol	8.534	108	262500	28.168	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.610	45	357714	28.188	ng/ul	98
16) Acetophenone	8.922	105	439958	28.612	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.905	70	232719	28.041	ng/ul	97
18) 4-Methylphenol	8.863	108	290981	28.379	ng/ul	95
19) Hexachloroethane	9.169	117	106631	28.058	ng/ul	100
22) Nitrobenzene	9.305	77	349484	28.903	ng/ul	99
23) Isophorone	9.834	82	669731	27.669	ng/ul	99
25) 2-Nitrophenol	10.022	139	161827	28.785	ng/ul	97
26) 2,4-Dimethylphenol	10.075	107	344573	28.902	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.316	93	386325	27.452	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	281557	29.814	ng/ul	97
30) Naphthalene	10.963	128	879695	27.953	ng/ul	99
32) 4-Chloroaniline	11.081	127	341270	24.191	ng/ul	99
33) Hexachlorobutadiene	11.240	225	185585	29.139	ng/ul	97
34) Caprolactam	11.863	113	96396	27.115	ng/ul	93
35) 4-Chloro-3-methylphenol	12.198	107	342639	29.945	ng/ul	98
36) 2-Methylnaphthalene	12.563	142	625503	28.273	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	637795	28.632	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.928	216	364872	29.266	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	143713	28.121	ng/ul	99
41) 2,4,6-Trichlorophenol	13.169	196	247396	29.814	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	271338	30.007	ng/ul	97
43) 1,1'-Biphenyl	13.563	154	882241	28.493	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	693663	28.554	ng/ul	99
45) 2-Nitroaniline	13.822	65	240101	30.882	ng/ul	97
47) Dimethylphthalate	14.181	163	935564	28.700	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	197747	29.609	ng/ul	96
50) Acenaphthylene	14.451	152	1082306	28.309	ng/ul	99
51) 3-Nitroaniline	14.645	138	185315	33.612	ng/ul	98
52) Acenaphthene	14.792	153	755856	28.601	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	95870	23.863	ng/ul	97
55) 4-Nitrophenol	14.951	109	148625	27.252	ng/ul	92
56) Dibenzofuran	15.128	168	1076723	28.746	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	293473	29.876	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.357	232	249519	30.561	ng/ul	98
59) Diethylphthalate	15.539	149	990626	29.651	ng/ul	98
61) Fluorene	15.781	166	884224	28.959	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	447769	29.097	ng/ul	99
63) 4-Nitroaniline	15.810	138	187855	35.922	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.863	198	166640	27.385	ng/ul	92
67) N-Nitrosodiphenylamine	15.981	169	759929	28.442	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	294123	29.192	ng/ul	96
69) Hexachlorobenzene	16.786	284	354103	29.794	ng/ul	96
70) Atrazine	16.939	200	267570	25.078	ng/ul	99
71) Pentachlorophenol	17.134	266	194403	28.940	ng/ul	99
72) Phenanthrene	17.528	178	1483408	29.351	ng/ul	100
74) Anthracene	17.622	178	1503224	29.314	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	366861	28.225	ng/uL	99
76) Pentachlorobenzene	15.045	250	385403	28.320	ng/uL	98
77) Carbazole	17.892	167	1373781	29.753	ng/ul	100
78) Di-n-butylphthalate	18.416	149	1806062	30.829	ng/ul	99
80) Fluoranthene	19.486	202	1860176	31.130	ng/ul	98
82) Pyrene	19.839	202	1901792	30.762	ng/ul	99
83) Butylbenzylphthalate	20.692	149	882667	32.303	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	649902	30.013	ng/ul	98
85) Benzo(a)anthracene	21.557	228	1921941	29.995	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1322733	32.751	ng/ul	99
87) Chrysene	21.610	228	1790692	29.566	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	2321323	35.580	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1912384	29.844	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1878891	30.333	ng/ul	98
93) Benzo(a)pyrene	24.004	252	1626183	29.108	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	1957883	27.079	ng/ul	100
95) Dibenzo(a,h)anthracene	26.833	278	1599542	27.155	ng/ul	99
96) Benzo(g,h,i)perylene	27.639	276	1595772	26.782	ng/ul	99

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

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