Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
Data File : BM037780.D
Acq On : 29 Nov 2022 04:17
Operator : CG/JU
Sample : PB149209BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 29 05:05:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 28 22:24:47 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS209

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	259339	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	1234485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	760974	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1553528	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1310471	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1019492	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	27575	4.410	ng/uL	0.00
4) Pyridine-d5	3.869	84	369302	18.143	ng/ul	0.00
7) Phenol-d5	7.257	99	646298	24.980	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	438209	25.390	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	475401	26.443	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	505525	24.553	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	256471	26.501	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	261425	27.415	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	463161	26.541	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	395493	13.658	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1447580	26.856	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1715570	26.965	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	293222	24.697	ng/ul	0.00
60) Fluorene-d10	15.716	176	1248156	26.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	220283	26.359	ng/ul	0.00
73) Anthracene-d10	17.568	188	1913971	26.346	ng/ul	0.00
81) Pyrene-d10	19.845	212	2102960	31.578	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	1452014	27.670	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	59942	8.719	ng/uL	92
5) Pyridine	3.887	79	419912	20.288	ng/ul	91
6) Benzaldehyde	7.234	77	398342	29.334	ng/ul	99
8) Phenol	7.281	94	669187	24.675	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.522	93	527939	24.012	ng/ul	99
12) 2-Chlorophenol	7.663	128	517249	26.337	ng/ul	99
13) 2-Methylphenol	8.546	108	506129	24.463	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	979235	24.657	ng/ul	99
16) Acetophenone	8.934	105	834361	24.618	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.922	70	481254	24.227	ng/ul	94
18) 4-Methylphenol	8.881	108	551793	24.140	ng/ul	99
19) Hexachloroethane	9.198	117	237074	27.910	ng/ul	97
22) Nitrobenzene	9.322	77	727103	27.554	ng/ul	98
23) Isophorone	9.851	82	1324500	24.904	ng/ul	99
25) 2-Nitrophenol	10.034	139	289858	26.875	ng/ul	90
26) 2,4-Dimethylphenol	10.087	107	610957	25.793	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.328	93	747785	24.510	ng/ul	98
29) 2,4-Dichlorophenol	10.569	162	466207	26.114	ng/ul	99
30) Naphthalene	10.981	128	1735739	25.715	ng/ul	100
32) 4-Chloroaniline	11.087	127	599560	19.868	ng/ul	100
33) Hexachlorobutadiene	11.257	225	264099	28.180	ng/ul	98
34) Caprolactam	11.875	113	171876m	23.116	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	600908	26.331	ng/ul	95
36) 2-Methylnaphthalene	12.575	142	1167251	24.894	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	1177749	24.967	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.939	216	498229	26.664	ng/ul	97
40) Hexachlorocyclopentadiene	12.916	237	291292	25.034	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	340182	25.283	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	374639	26.023	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	1530171	26.479	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	1164485	25.926	ng/ul	97
45) 2-Nitroaniline	13.816	65	496076	29.132	ng/ul	100
47) Dimethylphthalate	14.186	163	1493946	26.075	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	307189	27.766	ng/ul	86
50) Acenaphthylene	14.457	152	1895374	26.356	ng/ul	100
51) 3-Nitroaniline	14.633	138	352288	26.241	ng/ul	99
52) Acenaphthene	14.798	153	1357247	26.389	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	155293	23.924	ng/ul	89
55) 4-Nitrophenol	14.933	109	308526	28.998	ng/ul	83
56) Dibenzofuran	15.127	168	1736105	25.863	ng/ul	94
57) 2,4-Dinitrotoluene	15.086	165	452596	27.879	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.345	232	298152	25.242	ng/ul	96
59) Diethylphthalate	15.539	149	1664561	26.918	ng/ul	99
61) Fluorene	15.774	166	1507715	25.928	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	674374	26.585	ng/ul	96
63) 4-Nitroaniline	15.792	138	370763	29.058	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.845	198	229475	25.872	ng/ul	92
67) N-Nitrosodiphenylamine	15.974	169	1260371	26.111	ng/ul	97
68) 4-Bromophenyl-phenylether	16.657	248	379635	30.381	ng/ul	98
69) Hexachlorobenzene	16.774	284	412366	25.695	ng/ul	96
70) Atrazine	16.916	200	119184	7.274	ng/ul	98
71) Pentachlorophenol	17.116	266	239653	22.554	ng/ul	98
72) Phenanthrene	17.510	178	2366848	26.008	ng/ul	99
74) Anthracene	17.604	178	2361262	25.557	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.539	216	492296	26.489	ng/uL	98
76) Pentachlorobenzene	15.045	250	468102	23.682	ng/uL	98
77) Carbazole	17.868	167	2190863	24.942	ng/ul	99
78) Di-n-butylphthalate	18.421	149	2967240	23.337	ng/ul	99
80) Fluoranthene	19.515	202	2622355	30.826	ng/ul	96
82) Pyrene	19.874	202	2755709	30.669	ng/ul	98
83) Butylbenzylphthalate	20.756	149	1335116	31.897	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	645771	24.536	ng/ul	99
85) Benzo(a)anthracene	21.615	228	2386733	27.224	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1879632	29.722	ng/ul#	98
87) Chrysene	21.674	228	2191644	26.565	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	3039893	34.906	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	1927898	27.817	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	1933674	28.610	ng/ul	98
93) Benzo(a)pyrene	24.009	252	1613102	26.779	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.727	276	1631170	23.604	ng/ul	96
95) Dibenzo(a,h)anthracene	26.738	278	1429582	23.041	ng/ul	99
96) Benzo(g,h,i)perylene	27.533	276	1384713	23.010	ng/ul	97

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

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