Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037723.D
Acq On : 26 Nov 2022 08:46
Operator : CG/JU
Sample : PB149072BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 27 21:26:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS072

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	233538	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	1148742	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	745771	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1528751	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1428922	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1261596	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	34951	6.207	ng/uL	0.00
4) Pyridine-d5	3.869	84	557927	30.438	ng/ul	0.00
7) Phenol-d5	7.258	99	781417	33.539	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	518401	33.354	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	571391	35.294	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	631193	34.044	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	314093	34.878	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	318913	35.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	582816	35.890	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	876641	32.533	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1902150	36.009	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	2200691	35.295	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	400635	34.432	ng/ul	0.00
60) Fluorene-d10	15.722	176	1647837	35.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	289535	35.207	ng/ul	0.00
73) Anthracene-d10	17.574	188	2537196	35.490	ng/ul	0.00
81) Pyrene-d10	19.851	212	2831307	38.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2385601	36.737	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	68363	11.042	ng/uL#	89
5) Pyridine	3.887	79	530442	28.459	ng/ul	94
6) Benzaldehyde	7.240	77	446173	36.486	ng/ul	99
8) Phenol	7.287	94	750578	30.733	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.528	93	594712	30.037	ng/ul	96
12) 2-Chlorophenol	7.669	128	566684	32.042	ng/ul	98
13) 2-Methylphenol	8.552	108	574589	30.840	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	1075556m	30.075	ng/ul	
16) Acetophenone	8.946	105	939389	30.778	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.928	70	550511	30.775	ng/ul	96
18) 4-Methylphenol	8.887	108	641609	31.171	ng/ul	97
19) Hexachloroethane	9.204	117	245257	32.063	ng/ul	99
22) Nitrobenzene	9.328	77	802438	32.679	ng/ul	100
23) Isophorone	9.857	82	1525211	30.819	ng/ul	100
25) 2-Nitrophenol	10.040	139	330364	32.917	ng/ul	95
26) 2,4-Dimethylphenol	10.093	107	670896	30.438	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.334	93	855064	30.118	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	549349	33.068	ng/ul	98
30) Naphthalene	10.987	128	1967275	31.321	ng/ul	99
32) 4-Chloroaniline	11.093	127	812728	28.942	ng/ul	99
33) Hexachlorobutadiene	11.269	225	292965	33.593	ng/ul	99
34) Caprolactam	11.875	113	214099m	30.944	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	700184	32.971	ng/ul	95
36) 2-Methylnaphthalene	12.581	142	1369722	31.392	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	1387357	31.606	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	590691	32.257	ng/ul	96
40) Hexachlorocyclopentadiene	12.922	237	334441	29.328	ng/ul	98
41) 2,4,6-Trichlorophenol	13.181	196	424719	32.209	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	464472	32.921	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	1800629	31.795	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	1374652	31.230	ng/ul	98
45) 2-Nitroaniline	13.822	65	559268	33.513	ng/ul	98
47) Dimethylphthalate	14.192	163	1802169	32.095	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	369369	34.067	ng/ul	91
50) Acenaphthylene	14.463	152	2257362	32.029	ng/ul	100
51) 3-Nitroaniline	14.639	138	421889	32.066	ng/ul	98
52) Acenaphthene	14.804	153	1607580	31.894	ng/ul	100
53) 2,4-Dinitrophenol	14.839	184	190126	29.887	ng/ul	97
55) 4-Nitrophenol	14.939	109	358811	34.411	ng/ul	86
56) Dibenzofuran	15.133	168	2093687	31.825	ng/ul	97
57) 2,4-Dinitrotoluene	15.092	165	532999	33.501	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.357	232	382890	33.077	ng/ul	96
59) Diethylphthalate	15.545	149	1942420	32.051	ng/ul	99
61) Fluorene	15.780	166	1808673	31.738	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	806536	32.443	ng/ul	97
63) 4-Nitroaniline	15.798	138	440855	35.256	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.851	198	278039	31.856	ng/ul	94
67) N-Nitrosodiphenylamine	15.980	169	1530207	32.215	ng/ul	98
68) 4-Bromophenyl-phenylether	16.663	248	443982	36.107	ng/ul	99
69) Hexachlorobenzene	16.780	284	504854	31.968	ng/ul	97
70) Atrazine	16.927	200	516347	32.026	ng/ul	99
71) Pentachlorophenol	17.122	266	320810	30.681	ng/ul	98
72) Phenanthrene	17.516	178	2862698	31.967	ng/ul	99
74) Anthracene	17.610	178	2881411	31.693	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	595893	32.584	ng/uL	99
76) Pentachlorobenzene	15.051	250	570783	29.345	ng/uL	98
77) Carbazole	17.874	167	2710557	31.359	ng/ul	99
78) Di-n-butylphthalate	18.427	149	3460268	27.656	ng/ul	99
80) Fluoranthene	19.521	202	3266572	35.215	ng/ul	95
82) Pyrene	19.880	202	3424316	34.951	ng/ul	96
83) Butylbenzylphthalate	20.762	149	1581384	34.648	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.551	252	942277	32.834	ng/ul	98
85) Benzo(a)anthracene	21.621	228	3128297	32.725	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	2290318	33.214	ng/ul#	99
87) Chrysene	21.674	228	2894909	32.181	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	3865068	35.864	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2912846	33.963	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	2736824	32.722	ng/ul	98
93) Benzo(a)pyrene	24.021	252	2453222	32.910	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.739	276	2637713	30.845	ng/ul	96
95) Dibenzo(a,h)anthracene	26.756	278	2333949	30.398	ng/ul	98
96) Benzo(g,h,i)perylene	27.550	276	2264755	30.412	ng/ul	97

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

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