Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034569.D
Acq On : 08 Apr 2022 19:46
Operator : CG/JU
Sample : PB143957BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 03:08:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS957

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	91788	20.000	ng/ul	0.00
20) Naphthalene-d8	10.689	136	381844	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	232628	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	476067	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.447	240	473078	20.000	ng/ul	# 0.00
88) Perylene-d12	23.824	264	494133	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	18695	7.263	ng/uL	0.00
4) Pyridine-d5	3.678	84	230242	37.064	ng/ul	0.00
7) Phenol-d5	7.037	99	292207	38.249	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	198606	39.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	239756	40.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	235687	39.494	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	112954m	40.250	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	117522	40.223	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	217947	39.615	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	261138	34.405	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	674419	40.122	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	821364	38.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	103449	40.362	ng/ul	0.00
60) Fluorene-d10	15.518	176	585846	40.331	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	112678	38.771	ng/ul	0.00
73) Anthracene-d10	17.365	188	889177	39.175	ng/ul	0.00
81) Pyrene-d10	19.659	212	1062054	41.132	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	1028715	41.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	33775	13.031	ng/uL#	77
5) Pyridine	3.696	79	231381	34.088	ng/ul#	77
6) Benzaldehyde	7.007	77	185362m	39.576	ng/ul	
8) Phenol	7.066	94	280535	36.349	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.295	93	221383	35.544	ng/ul#	86
12) 2-Chlorophenol	7.437	128	222751	37.002	ng/ul#	84
13) 2-Methylphenol	8.325	108	206795	36.246	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.413	45	338303	36.328	ng/ul#	85
16) Acetophenone	8.701	105	335196	35.985	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.689	70	188411	38.001	ng/ul#	85
18) 4-Methylphenol	8.654	108	224133	36.928	ng/ul	96
19) Hexachloroethane	8.960	117	96244	35.544	ng/ul#	82
22) Nitrobenzene	9.084	77	271987	36.970	ng/ul	92
23) Isophorone	9.613	82	489027	37.432	ng/ul	93
25) 2-Nitrophenol	9.801	139	118342	37.816	ng/ul#	90
26) 2,4-Dimethylphenol	9.860	107	248991	35.846	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.095	93	291924	37.139	ng/ul	99
29) 2,4-Dichlorophenol	10.336	162	198524	36.561	ng/ul#	95
30) Naphthalene	10.736	128	704630	35.446	ng/ul	99
32) 4-Chloroaniline	10.848	127	233426	30.697	ng/ul	98
33) Hexachlorobutadiene	11.030	225	133314	34.922	ng/ul	99
34) Caprolactam	11.613	113	68449m	38.804	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	219237	38.894	ng/ul	91
36) 2-Methylnaphthalene	12.354	142	466141	36.587	ng/ul	99

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37) 1-Methylnaphthalene	12.572	142	478995	36.646	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	245318	35.231	ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	143749	31.459	ng/ul	94
41) 2,4,6-Trichlorophenol	12.960	196	159051	37.602	ng/ul	94
42) 2,4,5-Trichlorophenol	13.030	196	168892	38.532	ng/ul	98
43) 1,1'-Biphenyl	13.360	154	635565	36.066	ng/ul#	98
44) 2-Chloronaphthalene	13.401	162	484673	35.825	ng/ul	97
45) 2-Nitroaniline	13.607	65	153981	41.740	ng/ul	86
47) Dimethylphthalate	13.983	163	611074	36.941	ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	127495	40.120	ng/ul	89
50) Acenaphthylene	14.248	152	804587	36.684	ng/ul	99
51) 3-Nitroaniline	14.430	138	99411	35.780	ng/ul	88
52) Acenaphthene	14.589	153	527418	36.118	ng/ul	100
53) 2,4-Dinitrophenol	14.636	184	65871	36.781	ng/ul#	85
55) 4-Nitrophenol	14.736	109	87319	39.895	ng/ul#	84
56) Dibenzofuran	14.924	168	739923	37.282	ng/ul	96
57) 2,4-Dinitrotoluene	14.889	165	181989	41.146	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.148	232	150774	39.178	ng/ul#	88
59) Diethylphthalate	15.342	149	641185	38.161	ng/ul	97
61) Fluorene	15.571	166	620797	37.074	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.565	204	295469	36.556	ng/ul	92
63) 4-Nitroaniline	15.589	138	104157	42.574	ng/ul#	93
66) 4,6-Dinitro-2-methylph...	15.648	198	104237	35.971	ng/ul#	85
67) N-Nitrosodiphenylamine	15.777	169	525870	37.076	ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	180496	36.677	ng/ul#	92
69) Hexachlorobenzene	16.577	284	216163	36.574	ng/ul#	92
70) Atrazine	16.730	200	191867	36.148	ng/ul	98
71) Pentachlorophenol	16.918	266	129593	35.810	ng/ul	99
72) Phenanthrene	17.312	178	973379	36.642	ng/ul	99
74) Anthracene	17.401	178	966948	36.734	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.324	216	254112	33.986	ng/uL	98
76) Pentachlorobenzene	14.848	250	244810	34.889	ng/uL	99
77) Carbazole	17.671	167	807709	37.092	ng/ul	99
78) Di-n-butylphthalate	18.236	149	1065012	38.534	ng/ul	99
80) Fluoranthene	19.324	202	1111227	38.888	ng/ul#	90
82) Pyrene	19.689	202	1187062	38.221	ng/ul#	88
83) Butylbenzylphthalate	20.583	149	483554	39.770	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.365	252	312439	37.684	ng/ul#	98
85) Benzo(a)anthracene	21.430	228	1061368	38.584	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.359	149	708224	38.919	ng/ul#	96
87) Chrysene	21.483	228	1134593	38.251	ng/ul	99
89) Di-n-octyl phthalate	22.277	149	1225641	37.258	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	1149982	39.166	ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	1154810	37.452	ng/ul#	97
93) Benzo(a)pyrene	23.724	252	1127479	38.853	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.312	276	1215337	39.134	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.324	278	973787	38.249	ng/ul#	96
96) Benzo(g,h,i)perylene	27.065	276	1119437	37.554	ng/ul#	95

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

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