Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045154.D
Acq On : 12 Apr 2024 03:13
Operator : MA/JU
Sample : PB160160BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS160

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Quant Time: Apr 12 03:48:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	54315	20.000	ng/ul	0.00
20) Naphthalene-d8	10.386	136	232037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	141076	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	282784	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	274159	20.000	ng/ul	0.00
88) Perylene-d12	23.450	264	345538	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	10702	7.358	ng/uL	0.00
4) Pyridine-d5	3.599	84	124159	31.390	ng/ul	0.00
7) Phenol-d5	6.798	99	161740	35.126	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	96222	35.075	ng/ul	0.00
11) 2-Chlorophenol-d4	7.151	132	135538	37.572	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	129765	36.004	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	66368	37.236	ng/ul	0.00
24) 2-Nitrophenol-d4	9.492	143	72323	38.444	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	130847	37.936	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	166428	30.307	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	354103	36.049	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	428281	36.907	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	65421	31.913	ng/ul	0.00
60) Fluorene-d10	15.269	176	305005	34.829	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	57904	34.535	ng/ul	0.00
73) Anthracene-d10	17.127	188	471559	37.069	ng/ul	0.00
81) Pyrene-d10	19.433	212	548928	40.663	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.309	264	641334	38.047	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	15398	10.137	ng/uL#	78
5) Pyridine	3.616	79	127320	30.379	ng/ul	96
6) Benzaldehyde	6.787	77	89299	41.836	ng/ul	98
8) Phenol	6.828	94	165785	34.769	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.063	93	127852	34.357	ng/ul	93
12) 2-Chlorophenol	7.187	128	135870	35.894	ng/ul	99
13) 2-Methylphenol	8.063	108	119403	33.926	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.140	45	150083m	33.814	ng/ul	
16) Acetophenone	8.445	105	195721	33.401	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	96284	34.801	ng/ul#	91
18) 4-Methylphenol	8.393	108	133053	35.074	ng/ul	100
19) Hexachloroethane	8.669	117	58906	35.382	ng/ul	98
22) Nitrobenzene	8.822	77	155845	35.639	ng/ul	97
23) Isophorone	9.345	82	273280	34.014	ng/ul	98
25) 2-Nitrophenol	9.522	139	75967	36.382	ng/ul#	91
26) 2,4-Dimethylphenol	9.581	107	134644	33.447	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	165124	34.668	ng/ul	99
29) 2,4-Dichlorophenol	10.045	162	125738	36.082	ng/ul	97
30) Naphthalene	10.439	128	413931	33.698	ng/ul	100
32) 4-Chloroaniline	10.569	127	148232	27.741	ng/ul	100
33) Hexachlorobutadiene	10.704	225	72605	33.510	ng/ul	94
34) Caprolactam	11.369	113	40256m	34.217	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	123445	35.635	ng/ul	99
36) 2-Methylnaphthalene	12.057	142	275100	34.301	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.280	142	281314	34.661	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.433	216	138278	35.840	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	71797	30.741	ng/ul	96
41) 2,4,6-Trichlorophenol	12.686	196	93372	37.099	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	103259	37.236	ng/ul	96
43) 1,1'-Biphenyl	13.092	154	354715	35.607	ng/ul	98
44) 2-Chloronaphthalene	13.133	162	282911	34.955	ng/ul	97
45) 2-Nitroaniline	13.363	65	84076	37.632	ng/ul	98
47) Dimethylphthalate	13.739	163	347158	33.813	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	71665	35.612	ng/ul	93
50) Acenaphthylene	13.986	152	458172	33.806	ng/ul	99
51) 3-Nitroaniline	14.204	138	73880	33.657	ng/ul	96
52) Acenaphthene	14.327	153	301298	33.316	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	37531	31.369	ng/ul#	89
55) 4-Nitrophenol	14.516	109	58881	32.659	ng/ul	86
56) Dibenzofuran	14.669	168	416718	33.673	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	105096	34.890	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.898	232	84794	35.727	ng/ul	98
59) Diethylphthalate	15.110	149	350397	33.453	ng/ul	99
61) Fluorene	15.321	166	336666	32.277	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.321	204	154444	31.590	ng/ul	96
63) 4-Nitroaniline	15.374	138	69060	34.605	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.421	198	59971	33.399	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	280907	36.824	ng/ul	100
68) 4-Bromophenyl-phenylether	16.221	248	97990	35.579	ng/ul	99
69) Hexachlorobenzene	16.316	284	123687	34.524	ng/ul	93
70) Atrazine	16.510	200	95194	33.925	ng/ul	100
71) Pentachlorophenol	16.674	266	73886	33.951	ng/ul	97
72) Phenanthrene	17.068	178	530600	34.867	ng/ul	99
74) Anthracene	17.157	178	534010	34.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	137513	38.582	ng/uL	97
76) Pentachlorobenzene	14.580	250	138293	36.468	ng/uL	99
77) Carbazole	17.445	167	508070	33.849	ng/ul	99
78) Di-n-butylphthalate	18.010	149	594023	35.093	ng/ul	99
80) Fluoranthene	19.092	202	620883	38.995	ng/ul	98
82) Pyrene	19.456	202	668888	38.929	ng/ul	99
83) Butylbenzylphthalate	20.380	149	276647	38.430	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.162	252	198319	32.533	ng/ul	97
85) Benzo(a)anthracene	21.215	228	664957	35.746	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	390311	34.686	ng/ul	99
87) Chrysene	21.268	228	625108	36.047	ng/ul	98
89) Di-n-octyl phthalate	22.039	149	694195	31.931	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	740771	36.782	ng/ul	100
91) Benzo(k)fluoranthene	22.827	252	690734	34.076	ng/ul	99
93) Benzo(a)pyrene	23.350	252	628956	32.089	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.674	276	937383	36.920	ng/ul	100
95) Dibenzo(a,h)anthracene	25.685	278	763563	35.971	ng/ul	98
96) Benzo(g,h,i)perylene	26.350	276	723416	36.117	ng/ul	98

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

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