Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038151.D
Acq On : 21 Dec 2022 01:18
Operator : CG/JU
Sample : PB149761BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS761

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 21 03:48:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	179203	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	797331	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.674	164	495441	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.409	188	1042099	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	807041	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	724936	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	20843	5.281	ng/uL	0.00
4) Pyridine-d5	3.828	84	318173	27.176	ng/ul	0.00
7) Phenol-d5	7.204	99	452054	31.043	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	246875	27.841	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	390412	32.682	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	378446	33.293	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	198891	31.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	230299	34.811	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	426632	33.952	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	564113	32.522	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1241018	35.135	ng/ul	0.00
49) Acenaphthylene-d8	14.368	160	1408513	32.627	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	233878	38.852	ng/ul	0.00
60) Fluorene-d10	15.662	176	1050396	33.379	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	206004	36.975	ng/ul	0.00
73) Anthracene-d10	17.509	188	1638480	33.689	ng/ul	0.00
81) Pyrene-d10	19.792	212	1788084	36.884	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1251036	34.550	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	43715	10.559	ng/uL	96
5) Pyridine	3.851	79	313880	26.677	ng/ul	98
6) Benzaldehyde	7.181	77	251270	46.134	ng/ul	99
8) Phenol	7.234	94	448795	30.729	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	357553	29.814	ng/ul	96
12) 2-Chlorophenol	7.604	128	402681	32.960	ng/ul	97
13) 2-Methylphenol	8.492	108	367511	32.882	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.575	45	600905	27.748	ng/ul	99
16) Acetophenone	8.875	105	593802	33.215	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.863	70	276980	32.889	ng/ul	94
18) 4-Methylphenol	8.822	108	400524	33.127	ng/ul	100
19) Hexachloroethane	9.128	117	158791	32.511	ng/ul	96
22) Nitrobenzene	9.263	77	407671	30.012	ng/ul	93
23) Isophorone	9.786	82	815465	32.761	ng/ul	98
25) 2-Nitrophenol	9.975	139	238049	34.322	ng/ul	98
26) 2,4-Dimethylphenol	10.028	107	436211	32.522	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	510028	30.824	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	426800	34.618	ng/ul	99
30) Naphthalene	10.910	128	1334044	31.004	ng/ul	99
32) 4-Chloroaniline	11.027	127	546181	31.576	ng/ul	98
33) Hexachlorobutadiene	11.186	225	271447	33.469	ng/ul	99
34) Caprolactam	11.822	113	127673m	40.371	ng/ul	
35) 4-Chloro-3-methylphenol	12.139	107	422481	37.647	ng/ul	92
36) 2-Methylnaphthalene	12.510	142	917248	32.867	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	928162	32.525	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.874	216	504826	31.185	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	173131	18.696	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	342989	34.784	ng/ul	96
42) 2,4,5-Trichlorophenol	13.186	196	380546	37.005	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1248100	31.340	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	978615	31.854	ng/ul	98
45) 2-Nitroaniline	13.763	65	259468	35.052	ng/ul	93
47) Dimethylphthalate	14.127	163	1249633	35.858	ng/ul	100
48) 2,6-Dinitrotoluene	14.257	165	252153	37.251	ng/ul	99
50) Acenaphthylene	14.398	152	1555726	32.774	ng/ul	99
51) 3-Nitroaniline	14.586	138	274899	40.704	ng/ul	98
52) Acenaphthene	14.739	153	1064958	32.436	ng/ul	98
53) 2,4-Dinitrophenol	14.786	184	139745	42.071	ng/ul	94
55) 4-Nitrophenol	14.892	109	173749	43.767	ng/ul	91
56) Dibenzofuran	15.068	168	1489521	33.229	ng/ul	95
57) 2,4-Dinitrotoluene	15.039	165	368559	40.205	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.292	232	328491	37.974	ng/ul	92
59) Diethylphthalate	15.480	149	1307434	37.660	ng/ul	98
61) Fluorene	15.715	166	1260309	34.476	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	622573	34.848	ng/ul	95
63) 4-Nitroaniline	15.745	138	290483	47.436	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.798	198	202189	37.486	ng/ul#	94
67) N-Nitrosodiphenylamine	15.921	169	1040464	33.099	ng/ul	100
68) 4-Bromophenyl-phenylether	16.598	248	379982	33.264	ng/ul	97
69) Hexachlorobenzene	16.715	284	462543	33.921	ng/ul	96
70) Atrazine	16.868	200	344575	32.077	ng/ul	97
71) Pentachlorophenol	17.062	266	278151	36.689	ng/ul	98
72) Phenanthrene	17.456	178	1939282	34.077	ng/ul	100
74) Anthracene	17.545	178	1975573	34.159	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.480	216	517003	30.688	ng/uL	100
76) Pentachlorobenzene	14.986	250	507932	30.436	ng/uL	99
77) Carbazole	17.815	167	1759786	35.121	ng/ul	99
78) Di-n-butylphthalate	18.362	149	2331417	39.145	ng/ul	99
80) Fluoranthene	19.456	202	2148999	37.560	ng/ul	96
82) Pyrene	19.821	202	2244092	37.687	ng/ul	95
83) Butylbenzylphthalate	20.697	149	973747	43.978	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.491	252	626876	39.254	ng/ul	99
85) Benzo(a)anthracene	21.556	228	1912673	35.203	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1465554	45.498	ng/ul	99
87) Chrysene	21.615	228	1761814	34.560	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	2282702	49.142	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1633794	36.353	ng/ul	100
91) Benzo(k)fluoranthene	23.327	252	1625134	37.311	ng/ul	99
93) Benzo(a)pyrene	23.915	252	1399809	35.419	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.591	276	1686076	33.125	ng/ul	100
95) Dibenzo(a,h)anthracene	26.603	278	1463452	34.105	ng/ul	99
96) Benzo(g,h,i)perylene	27.385	276	1372209	33.766	ng/ul	98

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

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