Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042888.D
Acq On : 18 Nov 2023 19:09
Operator : MA/JU
Sample : 05370-12MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCDQ6MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 22:33:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	18088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	71437	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	46326	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	103618	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	121097	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	121231	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	3676	6.377	ng/uL	0.00
4) Pyridine-d5	3.616	84	21786	15.194	ng/ul	0.01
7) Phenol-d5	6.987	99	15054	8.551	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	66532	53.785	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	47789	35.181	ng/ul	0.00
15) 4-Methylphenol-d8	8.539	113	28619	20.647	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	30553	48.782	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	32276	44.051	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	59313	43.537	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	67405	38.968	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	234208	53.418	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	237903	50.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	17557	35.443	ng/ul	0.04
60) Fluorene-d10	15.463	176	193886	53.402	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	39135	49.861	ng/ul	0.00
73) Anthracene-d10	17.327	188	324609	55.899	ng/ul	0.00
81) Pyrene-d10	19.621	212	437252	55.140	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	463238	63.881	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	4880	7.949	ng/uL#	89
5) Pyridine	3.634	79	26379	16.918	ng/ul	93
6) Benzaldehyde	6.981	77	55068	54.521	ng/ul	92
8) Phenol	7.016	94	17456	9.969	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.257	93	71774	49.621	ng/ul	91
12) 2-Chlorophenol	7.369	128	49835	36.865	ng/ul#	88
13) 2-Methylphenol	8.269	108	34806	26.655	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	145734m	55.347	ng/ul	
16) Acetophenone	8.663	105	110624	47.464	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.628	70	71132	50.135	ng/ul	88
18) 4-Methylphenol	8.598	108	31536	22.214	ng/ul	96
19) Hexachloroethane	8.863	117	32760	43.480	ng/ul	86
22) Nitrobenzene	9.057	77	102731	54.269	ng/ul	95
23) Isophorone	9.563	82	188754	50.064	ng/ul	97
25) 2-Nitrophenol	9.757	139	34327	46.113	ng/ul	90
26) 2,4-Dimethylphenol	9.798	107	51491	32.329	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.051	93	98609	51.758	ng/ul	100
29) 2,4-Dichlorophenol	10.275	162	58428	45.298	ng/ul	98
30) Naphthalene	10.675	128	209519	46.815	ng/ul	99
32) 4-Chloroaniline	10.828	127	61163	36.857	ng/ul	98
33) Hexachlorobutadiene	10.892	225	52262	45.869	ng/ul	96
34) Caprolactam	11.663	113	2065m	5.399	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	55719	40.314	ng/ul	93
36) 2-Methylnaphthalene	12.286	142	146026	48.683	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	149017	47.252	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	96536	53.134	ng/ul	97
40) Hexachlorocyclopentadiene	12.580	237	30233	35.149	ng/ul	94
41) 2,4,6-Trichlorophenol	12.904	196	56607	51.008	ng/ul	96
42) 2,4,5-Trichlorophenol	12.974	196	57502	53.660	ng/ul	96
43) 1,1'-Biphenyl	13.304	154	203243	52.607	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	160382	51.603	ng/ul	97
45) 2-Nitroaniline	13.604	65	63339	62.488	ng/ul	90
47) Dimethylphthalate	13.939	163	232356	54.410	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	43464	54.175	ng/ul	88
50) Acenaphthylene	14.198	152	280740	53.408	ng/ul	99
51) 3-Nitroaniline	14.439	138	31617	48.193	ng/ul	96
52) Acenaphthene	14.533	153	191049	53.741	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	16670	41.788	ng/ul	94
55) 4-Nitrophenol	14.763	109	12201m	15.652	ng/ul	
56) Dibenzofuran	14.874	168	271454	55.015	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	67651	57.437	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	61010	54.848	ng/ul#	97
59) Diethylphthalate	15.292	149	248717	55.542	ng/ul	100
61) Fluorene	15.521	166	242635	57.919	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	131171	58.100	ng/ul	96
63) 4-Nitroaniline	15.604	138	32599	54.504	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.627	198	42100	52.687	ng/ul	89
67) N-Nitrosodiphenylamine	15.739	169	185322	57.025	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	78158	56.667	ng/ul	94
69) Hexachlorobenzene	16.492	284	97076	57.574	ng/ul	97
70) Atrazine	16.692	200	69182	55.265	ng/ul	99
71) Pentachlorophenol	16.857	266	50063	51.562	ng/ul	98
72) Phenanthrene	17.268	178	385085	59.489	ng/ul	98
74) Anthracene	17.362	178	383547	58.906	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	97733	53.341	ng/uL	96
76) Pentachlorobenzene	14.763	250	108149	56.255	ng/uL	99
77) Carbazole	17.657	167	317879	59.125	ng/ul	99
78) Di-n-butylphthalate	18.168	149	447602	56.933	ng/ul	99
80) Fluoranthene	19.286	202	505392	55.896	ng/ul	99
82) Pyrene	19.651	202	543561	56.698	ng/ul	98
83) Butylbenzylphthalate	20.533	149	211401	51.626	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.345	252	150852	48.673	ng/ul	99
85) Benzo(a)anthracene	21.397	228	553680	58.245	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	320405	51.572	ng/ul	99
87) Chrysene	21.450	228	533247	57.841	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	569876	58.194	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	570401	68.944	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	586048	66.543	ng/ul	98
93) Benzo(a)pyrene	23.662	252	530100	65.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	676610	67.531	ng/ul	99
95) Dibenzo(a,h)anthracene	26.244	278	559884	67.403	ng/ul	98
96) Benzo(g,h,i)perylene	26.991	276	520665	65.443	ng/ul	99

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

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