Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037905.D
Acq On : 09 Dec 2022 02:23
Operator : CG/JU
Sample : N5726-12MSD 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 06:18:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	316451	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1297236	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	733435	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1399516	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	989815	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1107050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4029	0.578	ng/uL	0.00
4) Pyridine-d5	3.869	84	38967	1.885	ng/ul	0.00
7) Phenol-d5	7.234	99	77160	3.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	45446	2.902	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	65214	3.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	60498	3.014	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	32528	3.167	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	32612	3.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	61731	3.019	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	65884	2.335	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	172488	3.299	ng/ul	-0.01
49) Acenaphthylene-d8	14.410	160	197462	3.090	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	18197	2.042	ng/ul	0.00
60) Fluorene-d10	15.698	176	147585	3.168	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	16034	2.143	ng/ul	0.00
73) Anthracene-d10	17.551	188	224807	3.442	ng/ul	0.00
81) Pyrene-d10	19.833	212	220910	3.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	186616	3.375	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.893	79	43298	2.084	ng/ul	97
6) Benzaldehyde	7.216	77	41348	4.299	ng/ul	95
8) Phenol	7.263	94	85393	3.311	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.498	93	68237	3.222	ng/ul	96
12) 2-Chlorophenol	7.646	128	71049	3.293	ng/ul	99
13) 2-Methylphenol	8.528	108	63526	3.219	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.616	45	119657	3.129	ng/ul	98
16) Acetophenone	8.916	105	105402	3.339	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.892	70	47719	3.209	ng/ul	99
18) 4-Methylphenol	8.857	108	69531	3.257	ng/ul	98
19) Hexachloroethane	9.175	117	25302	2.934	ng/ul	97
22) Nitrobenzene	9.298	77	71999	3.258	ng/ul	99
23) Isophorone	9.828	82	130040	3.211	ng/ul	98
25) 2-Nitrophenol	10.010	139	36275	3.215	ng/ul	92
26) 2,4-Dimethylphenol	10.069	107	72569	3.325	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.304	93	84270	3.130	ng/ul	98
29) 2,4-Dichlorophenol	10.545	162	65798	3.280	ng/ul	99
30) Naphthalene	10.957	128	321524	4.593	ng/ul	99
32) 4-Chloroaniline	11.063	127	58039	2.062	ng/ul	100
33) Hexachlorobutadiene	11.234	225	43920	3.328	ng/ul	98
34) Caprolactam	11.839	113	15008m	2.917	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	57010	3.122	ng/ul	94
36) 2-Methylnaphthalene	12.551	142	173928	3.831	ng/ul	99
37) 1-Methylnaphthalene	12.769	142	161816	3.485	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.916	216	82507	3.443	ng/ul	95
40) Hexachlorocyclopentadiene	12.892	237	14115	1.030	ng/ul	95
41) 2,4,6-Trichlorophenol	13.157	196	47036	3.222	ng/ul	94
42) 2,4,5-Trichlorophenol	13.227	196	47954	3.150	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	194278	3.295	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	148450	3.264	ng/ul	99
45) 2-Nitroaniline	13.798	65	31744	2.897	ng/ul	97
47) Dimethylphthalate	14.163	163	175613	3.404	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	30766	3.070	ng/ul	96
50) Acenaphthylene	14.439	152	410147	5.837	ng/ul	98
51) 3-Nitroaniline	14.616	138	28715	2.872	ng/ul	99
52) Acenaphthene	14.774	153	201574	4.147	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	9542	1.941	ng/ul	94
55) 4-Nitrophenol	14.922	109	15459m	2.630	ng/ul	
56) Dibenzofuran	15.110	168	284316	4.285	ng/ul	97
57) 2,4-Dinitrotoluene	15.069	165	39641	2.921	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.333	232	42658	3.331	ng/ul	98
59) Diethylphthalate	15.516	149	181355	3.529	ng/ul	98
61) Fluorene	15.757	166	220776	4.080	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.745	204	89489	3.384	ng/ul	97
63) 4-Nitroaniline	15.774	138	31295m	3.452	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.833	198	17468m	2.411	ng/ul	
67) N-Nitrosodiphenylamine	15.957	169	139664	3.308	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	54109	3.527	ng/ul	97
69) Hexachlorobenzene	16.757	284	68019	3.714	ng/ul	99
70) Atrazine	16.904	200	34181	2.369	ng/ul	92
71) Pentachlorophenol	17.098	266	35348	3.472	ng/ul	98
72) Phenanthrene	17.492	178	565401	7.398	ng/ul	99
74) Anthracene	17.586	178	1073671	13.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	79239	3.502	ng/uL	98
76) Pentachlorobenzene	15.027	250	80148	3.576	ng/uL	100
77) Carbazole	17.851	167	318908	4.739	ng/ul	99
78) Di-n-butylphthalate	18.404	149	315413	3.943	ng/ul	100
80) Fluoranthene	19.498	202	941992	13.424	ng/ul	99
82) Pyrene	19.862	202	1476665	20.220	ng/ul	99
83) Butylbenzylphthalate	20.739	149	111950	4.122	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	73053	3.730	ng/ul#	96
85) Benzo(a)anthracene	21.603	228	510562	7.662	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.509	149	171729	4.347	ng/ul	98
87) Chrysene	21.656	228	595104	9.518	ng/ul	98
89) Di-n-octyl phthalate	22.462	149	249494	3.517	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1563474	22.780	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	533785	8.025	ng/ul	96
93) Benzo(a)pyrene	23.992	252	822806	13.633	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	808631	10.403	ng/ul	97
95) Dibenzo(a,h)anthracene	26.709	278	370459	5.653	ng/ul	98
96) Benzo(g,h,i)perylene	27.497	276	630125	10.154	ng/ul	98

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

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