Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
Data File : BM037965.D
Acq On : 12 Dec 2022 14:32
Operator : CG/JU
Sample : N5948-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXZ94MSD

Quant Time: Dec 13 00:56:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	208443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	837157	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	463266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	885679	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	841871	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	923466	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	19092	4.159	ng/uL	0.00
4) Pyridine-d5	3.858	84	69251	5.085	ng/ul	0.00
7) Phenol-d5	7.228	99	106621	6.295	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	323466	31.362	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	269115	19.368	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	163141	12.339	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	238655	36.006	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	192786	27.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	309715	23.475	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	288488	15.841	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1142672	34.597	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1477516	36.603	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	33658	5.980	ng/ul	0.00
60) Fluorene-d10	15.692	176	1077848	36.630	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	135698	28.657	ng/ul	0.00
73) Anthracene-d10	17.545	188	1604818	38.824	ng/ul	0.00
81) Pyrene-d10	19.827	212	1812251	35.836	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1798672	38.995	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	21450	4.454	ng/uL	98
5) Pyridine	3.881	79	94018	6.870	ng/ul	96
6) Benzaldehyde	7.210	77	281208	44.388	ng/ul	99
8) Phenol	7.257	94	104070	6.126	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.493	93	423168	30.335	ng/ul	99
12) 2-Chlorophenol	7.634	128	244738	17.222	ng/ul	98
13) 2-Methylphenol	8.522	108	169597	13.046	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.610	45	769383	30.545	ng/ul	99
16) Acetophenone	8.910	105	668564	32.151	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.892	70	319725	32.639	ng/ul	98
18) 4-Methylphenol	8.851	108	158650	11.281	ng/ul	100
19) Hexachloroethane	9.163	117	180865	31.836	ng/ul	97
22) Nitrobenzene	9.292	77	492221	34.513	ng/ul	97
23) Isophorone	9.822	82	893648	34.194	ng/ul	98
25) 2-Nitrophenol	10.004	139	185654	25.494	ng/ul#	94
26) 2,4-Dimethylphenol	10.057	107	214560	15.236	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.298	93	553469	31.859	ng/ul	98
29) 2,4-Dichlorophenol	10.539	162	278660	21.527	ng/ul	99
30) Naphthalene	10.945	128	1563534	34.609	ng/ul	100
32) 4-Chloroaniline	11.057	127	338694	18.649	ng/ul	97
33) Hexachlorobutadiene	11.228	225	295467	34.698	ng/ul	99
34) Caprolactam	11.851	113	14885	4.483	ng/ul	85
35) 4-Chloro-3-methylphenol	12.169	107	215103	18.256	ng/ul	96
36) 2-Methylnaphthalene	12.545	142	1008620	34.422	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	1021419	34.090	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.910	216	546310	36.092	ng/ul	98
40) Hexachlorocyclopentadiene	12.886	237	152174	17.574	ng/ul	97
41) 2,4,6-Trichlorophenol	13.145	196	246662	26.753	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	251815	26.188	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	1315541	35.328	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	1011044	35.196	ng/ul	99
45) 2-Nitroaniline	13.792	65	247142	35.706	ng/ul	98
47) Dimethylphthalate	14.163	163	1096364	33.645	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	244180	38.578	ng/ul	97
50) Acenaphthylene	14.433	152	1596349	35.965	ng/ul	99
51) 3-Nitroaniline	14.616	138	191683	30.353	ng/ul	97
52) Acenaphthene	14.769	153	1102506	35.912	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	70041	22.551	ng/ul	92
55) 4-Nitrophenol	14.910	109	25605	6.898	ng/ul	93
56) Dibenzofuran	15.104	168	1466940	34.998	ng/ul	98
57) 2,4-Dinitrotoluene	15.069	165	323482	37.738	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	244486	30.226	ng/ul	98
59) Diethylphthalate	15.516	149	1190774	36.682	ng/ul	98
61) Fluorene	15.751	166	1243089	36.366	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.739	204	609391	36.480	ng/ul	97
63) 4-Nitroaniline	15.774	138	207286	36.201	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.827	198	136200	29.711	ng/ul	97
67) N-Nitrosodiphenylamine	15.951	169	970613	36.330	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	367489	37.851	ng/ul	98
69) Hexachlorobenzene	16.751	284	432113	37.286	ng/ul	96
70) Atrazine	16.898	200	198805	21.775	ng/ul	97
71) Pentachlorophenol	17.092	266	197160	30.599	ng/ul	99
72) Phenanthrene	17.486	178	1814386	37.513	ng/ul	100
74) Anthracene	17.580	178	1854893	37.737	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	532117	37.163	ng/uL	100
76) Pentachlorobenzene	15.021	250	519977	36.660	ng/uL	99
77) Carbazole	17.851	167	1633260	38.353	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2010715	39.723	ng/ul	99
80) Fluoranthene	19.492	202	2037867	34.144	ng/ul	99
82) Pyrene	19.856	202	2181488	35.120	ng/ul	99
83) Butylbenzylphthalate	20.739	149	838532	36.304	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	598513	35.927	ng/ul	96
85) Benzo(a)anthracene	21.603	228	2114068	37.300	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.509	149	1225527	36.473	ng/ul	99
87) Chrysene	21.656	228	1975834	37.155	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	2108557	35.634	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2096900	36.626	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2147320	38.701	ng/ul	99
93) Benzo(a)pyrene	23.991	252	1860295	36.951	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.697	276	2210531	34.093	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	2008124	36.738	ng/ul	98
96) Benzo(g,h,i)perylene	27.497	276	1861189	35.952	ng/ul	98

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

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