Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044434.D
Acq On : 29 Feb 2024 11:47
Operator : MA/JU
Sample : P1512-05MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0S96MSD

Quant Time: Feb 29 12:19:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 29 03:37:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	180831	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	816697	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	473404	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	967782	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	794196	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	851193	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	26696	4.658	ng/uL	0.00
4) Pyridine-d5	3.787	84	449657	28.728	ng/ul	0.00
7) Phenol-d5	7.122	99	652042	37.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	389594	34.730	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	490434	37.590	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	528268	40.303	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	261766	39.420	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	293143	43.269	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	524331	43.874	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	714591	35.603	ng/ul	0.00
46) Dimethylphthalate-d6	14.021	166	1554814	42.585	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1826523	43.481	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	253231	34.855	ng/ul	0.00
60) Fluorene-d10	15.586	176	1340285	43.371	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	197289	32.855	ng/ul	0.00
73) Anthracene-d10	17.445	188	1984768	43.011	ng/ul	0.00
81) Pyrene-d10	19.739	212	2255176	47.199	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	2004937	45.968	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	55831	9.242	ng/uL	97
5) Pyridine	3.804	79	467460	28.547	ng/ul	99
6) Benzaldehyde	7.098	77	166362	22.124	ng/ul	99
8) Phenol	7.145	94	683865	37.978	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.392	93	514427	34.131	ng/ul	99
12) 2-Chlorophenol	7.516	128	488046	36.157	ng/ul	97
13) 2-Methylphenol	8.404	108	502300	37.864	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.486	45	700269	33.982	ng/ul	97
16) Acetophenone	8.792	105	826231	39.455	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	436220	41.584	ng/ul	99
18) 4-Methylphenol	8.739	108	563709	39.890	ng/ul	99
19) Hexachloroethane	9.028	117	179302	31.312	ng/ul	97
22) Nitrobenzene	9.169	77	604007	37.611	ng/ul	98
23) Isophorone	9.698	82	1282667	41.211	ng/ul	99
25) 2-Nitrophenol	9.881	139	306201	40.751	ng/ul	98
26) 2,4-Dimethylphenol	9.945	107	418455	29.166	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.192	93	798619	39.470	ng/ul	100
29) 2,4-Dichlorophenol	10.410	162	499980	41.338	ng/ul	99
30) Naphthalene	10.816	128	1748935	37.654	ng/ul	99
32) 4-Chloroaniline	10.933	127	557658	28.512	ng/ul	100
33) Hexachlorobutadiene	11.086	225	259708	35.641	ng/ul	99
34) Caprolactam	11.727	113	175672	42.018	ng/ul	92
35) 4-Chloro-3-methylphenol	12.057	107	573396	44.498	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	1202899	40.659	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	1193042	40.792	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	564083	40.251	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	225585	23.925	ng/ul	97
41) 2,4,6-Trichlorophenol	13.033	196	381386	42.695	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	421560	43.655	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	1547403	40.150	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	1225857	40.622	ng/ul	100
45) 2-Nitroaniline	13.692	65	379375	45.407	ng/ul	96
47) Dimethylphthalate	14.068	163	1538609	41.232	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	312026	44.712	ng/ul	100
50) Acenaphthylene	14.321	152	2034866	40.896	ng/ul	100
51) 3-Nitroaniline	14.516	138	314414	42.707	ng/ul	95
52) Acenaphthene	14.663	153	1344062	40.918	ng/ul	100
53) 2,4-Dinitrophenol	14.721	184	160867	37.149	ng/ul	98
55) 4-Nitrophenol	14.821	109	203913	40.856	ng/ul	96
56) Dibenzofuran	14.998	168	1800347	40.828	ng/ul	100
57) 2,4-Dinitrotoluene	14.974	165	447838	44.669	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.221	232	328173	42.228	ng/ul	98
59) Diethylphthalate	15.433	149	1606595	41.826	ng/ul	100
61) Fluorene	15.645	166	1455128	41.086	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	694499	41.609	ng/ul	97
63) 4-Nitroaniline	15.680	138	324108	45.516	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.733	198	254163	38.692	ng/ul	97
67) N-Nitrosodiphenylamine	15.862	169	1235519	42.128	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	420947	43.778	ng/ul	97
69) Hexachlorobenzene	16.639	284	469482	42.659	ng/ul	97
70) Atrazine	16.821	200	265551	27.641	ng/ul	98
71) Pentachlorophenol	16.986	266	278767	38.436	ng/ul	99
72) Phenanthrene	17.386	178	2292830	41.299	ng/ul	100
74) Anthracene	17.480	178	2288297	40.937	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	570963	42.146	ng/uL	98
76) Pentachlorobenzene	14.910	250	543520	42.027	ng/uL	98
77) Carbazole	17.756	167	2149337	40.893	ng/ul	99
78) Di-n-butylphthalate	18.333	149	3011632	45.254	ng/ul	100
80) Fluoranthene	19.403	202	2579209	45.009	ng/ul	99
82) Pyrene	19.768	202	2654898	44.178	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1333459	49.401	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	659256	37.111	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2533295	42.769	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	2047854	49.554	ng/ul	100
87) Chrysene	21.580	228	2358329	42.357	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3550927	48.690	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2486266	45.562	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2402808	42.872	ng/ul	99
93) Benzo(a)pyrene	23.856	252	2283151	43.396	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.497	276	2731358	42.930	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	2287480	43.024	ng/ul	98
96) Benzo(g,h,i)perylene	27.274	276	2207808	42.899	ng/ul	98

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

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