Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
Data File : BP015096.D
Acq On : 16 May 2023 03:31
Operator : CG/JU
Sample : 02592-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREF6MSD

Quant Time: May 16 04:25:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 01:39:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	343579	20.000	ng/ul	0.00
20) Naphthalene-d8	10.963	136	1574127	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.775	164	985930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	2130827	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1774064	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1734356	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	93	0.011	ng/uL	-0.01
4) Pyridine-d5	3.881	84	16503	0.658	ng/ul	0.00
7) Phenol-d5	7.281	99	511324	16.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	300594	16.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.658	132	394377	16.814	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	434617	17.098	ng/ul	0.00
21) Nitrobenzene-d5	9.310	128	198760	16.069	ng/ul	0.00
24) 2-Nitrophenol-d4	10.040	143	218474	15.874	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	436414	17.572	ng/ul	0.00
31) 4-Chloroaniline-d4	11.099	131	582047	15.840	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	1277563	17.148	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	1484635	17.423	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	243866	16.857	ng/ul	0.00
60) Fluorene-d10	15.763	176	1087746	17.303	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	217972	16.232	ng/ul	0.00
73) Anthracene-d10	17.628	188	1666097	17.076	ng/ul	0.00
81) Pyrene-d10	19.845	212	1844754	17.929	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	1483514	17.231	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	125166	13.173	ng/uL	97
5) Pyridine	3.893	79	815554	31.284	ng/ul	95
6) Benzaldehyde	7.263	77	578072	65.929	ng/ul	96
8) Phenol	7.311	94	1185807	36.250	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.546	93	919764	35.144	ng/ul	100
12) 2-Chlorophenol	7.693	128	887239	35.763	ng/ul	99
13) 2-Methylphenol	8.581	108	905997	35.836	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.669	45	1176852	35.892	ng/ul	99
16) Acetophenone	8.969	105	1470255	37.059	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.952	70	724153	34.804	ng/ul	98
18) 4-Methylphenol	8.910	108	996117	35.797	ng/ul	97
19) Hexachloroethane	9.228	117	355001	35.045	ng/ul	96
22) Nitrobenzene	9.352	77	1054374	34.513	ng/ul	100
23) Isophorone	9.887	82	2119215	33.749	ng/ul	99
25) 2-Nitrophenol	10.069	139	522055	34.590	ng/ul	98
26) 2,4-Dimethylphenol	10.128	107	1038077	34.467	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.363	93	1312494	34.353	ng/ul	99
29) 2,4-Dichlorophenol	10.610	162	898677	35.823	ng/ul	99
30) Naphthalene	11.016	128	2924431	34.172	ng/ul	100
32) 4-Chloroaniline	11.122	127	1019875	27.004	ng/ul	100
33) Hexachlorobutadiene	11.299	225	518058	34.264	ng/ul	99
34) Caprolactam	11.910	113	313194	33.114	ng/ul	92
35) 4-Chloro-3-methylphenol	12.240	107	1005237	35.488	ng/ul	99
36) 2-Methylnaphthalene	12.616	142	1970890	34.180	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	2042555	35.274	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.975	216	1038915	35.233	ng/ul	97
40) Hexachlorocyclopentadiene	12.951	237	614951	32.188	ng/ul	99
41) 2,4,6-Trichlorophenol	13.216	196	716590	34.416	ng/ul	98
42) 2,4,5-Trichlorophenol	13.287	196	801688	35.511	ng/ul	99
43) 1,1'-Biphenyl	13.610	154	2684440	35.093	ng/ul	99
44) 2-Chloronaphthalene	13.657	162	2092055	35.020	ng/ul	99
45) 2-Nitroaniline	13.857	65	628710	36.782	ng/ul	94
47) Dimethylphthalate	14.228	163	2654293	34.209	ng/ul	99
48) 2,6-Dinitrotoluene	14.351	165	555741	36.153	ng/ul	97
50) Acenaphthylene	14.498	152	3312683	34.843	ng/ul	100
51) 3-Nitroaniline	14.681	138	583778	42.176	ng/ul	99
52) Acenaphthene	14.840	153	2267106	34.914	ng/ul	100
53) 2,4-Dinitrophenol	14.887	184	330917	32.423	ng/ul	99
55) 4-Nitrophenol	14.981	109	373694	35.120	ng/ul	99
56) Dibenzofuran	15.175	168	3126453	34.616	ng/ul	98
57) 2,4-Dinitrotoluene	15.134	165	794229	35.706	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.398	232	658763	34.575	ng/ul	98
59) Diethylphthalate	15.587	149	2656901	34.333	ng/ul	99
61) Fluorene	15.822	166	2471292	34.048	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.810	204	1210317	34.128	ng/ul	100
63) 4-Nitroaniline	15.845	138	613514	51.327	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.898	198	460775	33.247	ng/ul	97
67) N-Nitrosodiphenylamine	16.028	169	2152176	34.350	ng/ul	100
68) 4-Bromophenyl-phenylether	16.710	248	769256	35.049	ng/ul	97
69) Hexachlorobenzene	16.828	284	896815	34.577	ng/ul	99
70) Atrazine	16.975	200	494222	21.341	ng/ul	100
71) Pentachlorophenol	17.175	266	538833	33.212	ng/ul	100
72) Phenanthrene	17.569	178	3991268	34.398	ng/ul	100
74) Anthracene	17.663	178	4017822	34.243	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.581	216	1064443	35.233	ng/uL	99
76) Pentachlorobenzene	15.092	250	1033773	34.078	ng/uL	99
77) Carbazole	17.928	167	3625957	35.242	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4510201	34.040	ng/ul	100
80) Fluoranthene	19.522	202	4514191	35.996	ng/ul	100
82) Pyrene	19.875	202	4664124	36.015	ng/ul	100
83) Butylbenzylphthalate	20.727	149	1996433	34.773	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	1469691	37.720	ng/ul	99
85) Benzo(a)anthracene	21.586	228	4265476	34.773	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	2851821	34.502	ng/ul	100
87) Chrysene	21.645	228	4033796	34.400	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	4735125	39.864	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	4105114	37.336	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	3923617	37.164	ng/ul	99
93) Benzo(a)pyrene	24.063	252	3376614	34.745	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	3711751	29.497	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	3064507	29.667	ng/ul	100
96) Benzo(g,h,i)perylene	27.739	276	2929469	28.549	ng/ul	99

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

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