Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018400.D
Acq On : 27 Nov 2023 14:57
Operator : MA/JU
Sample : 05328-15MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A49W2MSD

Quant Time: Nov 27 21:56:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 27 21:50:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	434295	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1780423	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1069849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	2062872	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1359595	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1561523	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	40134	3.461	ng/uL	0.00
4) Pyridine-d5	3.687	84	332133	10.423	ng/ul	0.00
7) Phenol-d5	7.028	99	229259	5.776	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	650959	27.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	715585	21.473	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	444829	13.888	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	469948	32.497	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	446936	33.465	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	912161	28.309	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	1208230	27.803	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	3238317	34.017	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	3378366	31.146	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	78383	5.964	ng/ul	0.00
60) Fluorene-d10	15.492	176	2601269	32.670	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	365394	41.609	ng/ul	0.00
73) Anthracene-d10	17.351	188	3817652	34.624	ng/ul	0.00
81) Pyrene-d10	19.592	212	3876141	35.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	3403820	37.599	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	50108	4.030	ng/uL	94
5) Pyridine	3.705	79	374791	11.673	ng/ul	97
6) Benzaldehyde	6.999	77	636556	30.307	ng/ul	95
8) Phenol	7.052	94	264616	6.797	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.293	93	1011780	31.198	ng/ul	95
12) 2-Chlorophenol	7.422	128	775077	23.183	ng/ul	96
13) 2-Methylphenol	8.310	108	552142	18.207	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1211385	26.278	ng/ul#	95
16) Acetophenone	8.687	105	1526308	31.141	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	707653	25.846	ng/ul	94
18) 4-Methylphenol	8.640	108	511156	15.785	ng/ul	99
19) Hexachloroethane	8.946	117	386377	27.674	ng/ul	92
22) Nitrobenzene	9.069	77	1068554	31.540	ng/ul	94
23) Isophorone	9.599	82	2163976	28.658	ng/ul	97
25) 2-Nitrophenol	9.775	139	527400	35.098	ng/ul	93
26) 2,4-Dimethylphenol	9.840	107	752952	22.318	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	1399846	30.696	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	950871	30.808	ng/ul	97
30) Naphthalene	10.710	128	3350121	31.111	ng/ul	100
32) 4-Chloroaniline	10.822	127	1130700	27.572	ng/ul	99
33) Hexachlorobutadiene	10.999	225	720945	34.248	ng/ul	99
34) Caprolactam	11.604	113	43036	4.839	ng/ul	90
35) 4-Chloro-3-methylphenol	11.946	107	838792	25.418	ng/ul	95
36) 2-Methylnaphthalene	12.322	142	2378648	31.212	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	2342634	30.538	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	1411235	37.349	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	623419	29.131	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	855645	37.707	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	916795	37.363	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	3193265	34.257	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2535238	34.364	ng/ul	98
45) 2-Nitroaniline	13.581	65	586010	36.915	ng/ul#	83
47) Dimethylphthalate	13.963	163	3451671	37.057	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	677502	43.143	ng/ul	87
50) Acenaphthylene	14.222	152	4101409	33.922	ng/ul	99
51) 3-Nitroaniline	14.404	138	565002	36.212	ng/ul#	93
52) Acenaphthene	14.563	153	2699076	34.172	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	220078	40.170	ng/ul	97
55) 4-Nitrophenol	14.704	109	62839	6.454	ng/ul	95
56) Dibenzofuran	14.898	168	3783528	35.039	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	932475	43.941	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.122	232	776478	40.294	ng/ul	93
59) Diethylphthalate	15.328	149	3362044	35.932	ng/ul	99
61) Fluorene	15.545	166	2991589	33.973	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1628344	36.416	ng/ul	96
63) 4-Nitroaniline	15.569	138	520268	35.332	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.622	198	436402	44.808	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	2625120	37.526	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	1059421	40.677	ng/ul	96
69) Hexachlorobenzene	16.545	284	1259391	43.253	ng/ul	94
70) Atrazine	16.722	200	876025	41.021	ng/ul	98
71) Pentachlorophenol	16.892	266	629922	42.105	ng/ul	99
72) Phenanthrene	17.292	178	4771226	38.025	ng/ul	99
74) Anthracene	17.386	178	4690168	37.031	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1424554	40.175	ng/uL	100
76) Pentachlorobenzene	14.816	250	1466724	42.583	ng/uL	98
77) Carbazole	17.657	167	3972609	38.716	ng/ul	100
78) Di-n-butylphthalate	18.222	149	5445834	38.156	ng/ul	99
80) Fluoranthene	19.269	202	5025036	38.873	ng/ul	97
82) Pyrene	19.622	202	4953118	38.051	ng/ul	98
83) Butylbenzylphthalate	20.528	149	1849581	38.396	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.304	252	1088006	33.087	ng/ul	99
85) Benzo(a)anthracene	21.363	228	4364057	39.385	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	2638623	36.509	ng/ul	98
87) Chrysene	21.416	228	4010958	39.780	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	3896790	33.897	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	4363344	38.470	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	4452826	39.437	ng/ul	99
93) Benzo(a)pyrene	23.769	252	4221978	40.476	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.604	276	5381476	44.619	ng/ul	97
95) Dibenzo(a,h)anthracene	26.674	278	4441542	44.983	ng/ul	97
96) Benzo(g,h,i)perylene	27.439	276	4378274	44.824	ng/ul	97

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

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