Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011902.D
Acq On : 04 Oct 2022 08:43
Operator : CG/JU
Sample : N4873-08MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXZ54MSD

Quant Time: Oct 05 04:24:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 01 00:53:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	253074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	994079	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.534	164	558828	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1130379	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1298770	20.000	ng/ul	0.00
88) Perylene-d12	23.815	264	1339760	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	25839	4.503	ng/uL	0.00
4) Pyridine-d5	3.728	84	137577	8.185	ng/ul	0.00
7) Phenol-d5	7.052	99	127046	5.815	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	360001	29.727	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.416	132	402119	23.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	228798	12.668	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	257644	34.027	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.775	143	256732	31.692	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	435493	29.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	570632	24.980	ng/ul	-0.01
46) Dimethylphthalate-d6	13.945	166	1467996	36.735	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1593369	34.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	62785	7.587	ng/ul	0.00
60) Fluorene-d10	15.528	176	1264720	36.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	258070	37.719	ng/ul	0.00
73) Anthracene-d10	17.392	188	2085977	40.511	ng/ul	0.00
81) Pyrene-d10	19.627	212	2725156	41.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.657	264	2953554	44.039	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	32336	5.217	ng/uL	95
5) Pyridine	3.746	79	154227	9.454	ng/ul	99
6) Benzaldehyde	7.028	77	394099	41.178	ng/ul	99
8) Phenol	7.075	94	141112	6.227	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	511250	28.354	ng/ul	97
12) 2-Chlorophenol	7.446	128	418441	22.694	ng/ul	99
13) 2-Methylphenol	8.334	108	275304	15.420	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	477426	26.858	ng/ul	99
16) Acetophenone	8.716	105	742475	26.964	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	333076	25.700	ng/ul	98
18) 4-Methylphenol	8.663	108	251619	12.791	ng/ul	96
19) Hexachloroethane	8.969	117	183975	26.752	ng/ul	99
22) Nitrobenzene	9.093	77	527934	32.420	ng/ul	99
23) Isophorone	9.622	82	941536	28.501	ng/ul	100
25) 2-Nitrophenol	9.804	139	278804	30.134	ng/ul	98
26) 2,4-Dimethylphenol	9.869	107	305451	17.574	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.104	93	639145	29.989	ng/ul	100
29) 2,4-Dichlorophenol	10.340	162	435070	28.022	ng/ul	99
30) Naphthalene	10.746	128	1629517	30.519	ng/ul	100
32) 4-Chloroaniline	10.857	127	563247	24.101	ng/ul	98
33) Hexachlorobutadiene	11.028	225	274420	29.861	ng/ul	98
34) Caprolactam	11.657	113	16382	2.981	ng/ul	94
35) 4-Chloro-3-methylphenol	11.981	107	386000	23.448	ng/ul	99
36) 2-Methylnaphthalene	12.357	142	1081745	29.011	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	1101435	29.438	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.722	216	553459	34.151	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	197168	21.297	ng/ul	98
41) 2,4,6-Trichlorophenol	12.963	196	358393	33.037	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	397248	33.617	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	1379203	33.367	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	1106183	33.850	ng/ul	99
45) 2-Nitroaniline	13.616	65	292918	36.720	ng/ul	99
47) Dimethylphthalate	13.992	163	1489999	35.577	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	304653	37.326	ng/ul	96
50) Acenaphthylene	14.257	152	1705184	33.702	ng/ul	100
51) 3-Nitroaniline	14.445	138	322079	34.045	ng/ul	94
52) Acenaphthene	14.598	153	1215258	34.044	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	174542	31.542	ng/ul	99
55) 4-Nitrophenol	14.751	109	41993	7.517	ng/ul	98
56) Dibenzofuran	14.934	168	1692158	34.609	ng/ul	97
57) 2,4-Dinitrotoluene	14.898	165	456585	38.271	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.157	232	366306	35.682	ng/ul	99
59) Diethylphthalate	15.357	149	1495537	35.644	ng/ul	100
61) Fluorene	15.586	166	1429875	35.706	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	681908	34.397	ng/ul	99
63) 4-Nitroaniline	15.610	138	363256	40.239	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.663	198	266450	36.761	ng/ul	99
67) N-Nitrosodiphenylamine	15.792	169	1260579	37.804	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	430005	37.399	ng/ul	98
69) Hexachlorobenzene	16.586	284	509963	38.976	ng/ul	97
70) Atrazine	16.751	200	437280	36.344	ng/ul	98
71) Pentachlorophenol	16.939	266	315096	36.615	ng/ul	100
72) Phenanthrene	17.333	178	2507481	40.364	ng/ul	100
74) Anthracene	17.428	178	2461132	39.376	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.328	216	579348	37.132	ng/uL	99
76) Pentachlorobenzene	14.851	250	544160	32.639	ng/uL	99
77) Carbazole	17.698	167	2454323	43.460	ng/ul	99
78) Di-n-butylphthalate	18.245	149	2707000	39.142	ng/ul	100
80) Fluoranthene	19.298	202	3135517	38.952	ng/ul	100
82) Pyrene	19.657	202	3340758	39.861	ng/ul	97
83) Butylbenzylphthalate	20.521	149	1386092	38.266	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	1145660	38.317	ng/ul	98
85) Benzo(a)anthracene	21.363	228	3460338	40.742	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	2033360	37.267	ng/ul	98
87) Chrysene	21.416	228	3228963	40.511	ng/ul	99
89) Di-n-octyl phthalate	22.215	149	3616114	42.305	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	3674811	42.974	ng/ul	100
91) Benzo(k)fluoranthene	23.115	252	3598442	43.699	ng/ul	100
93) Benzo(a)pyrene	23.704	252	3226288	42.277	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.351	276	3975274	40.926	ng/ul	100
95) Dibenzo(a,h)anthracene	26.374	278	3593034	41.640	ng/ul	99
96) Benzo(g,h,i)perylene	27.133	276	3525072	40.935	ng/ul	98

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

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