Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013206.D
Acq On : 21 Dec 2022 14:04
Operator : CG/JU
Sample : N6003-05MSD
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXX2MSD

Quant Time: Dec 21 21:52:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	432916	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1651351	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	910664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1825005	20.000	ng/ul	-0.01
79) Chrysene-d12	21.433	240	1998035	20.000	ng/ul	0.00
88) Perylene-d12	23.916	264	2378498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	49624	4.901	ng/uL	0.00
4) Pyridine-d5	3.764	84	452162	15.721	ng/ul	0.00
7) Phenol-d5	7.111	99	949869	26.937	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	600721	28.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	774805	27.912	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	657429	22.754	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	370271	30.518	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.846	143	412144	30.173	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	770516	29.042	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	819873	21.889	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	1988647	28.414	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	2286751	29.734	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	344897	27.395	ng/ul	0.00
60) Fluorene-d10	15.587	176	1701831	28.742	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	324163	27.602	ng/ul	0.00
73) Anthracene-d10	17.445	188	2480573	30.128	ng/ul	-0.01
81) Pyrene-d10	19.681	212	3349229	29.203	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	3860287	32.561	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	121265	11.473	ng/uL	96
5) Pyridine	3.787	79	538529	18.839	ng/ul	99
6) Benzaldehyde	7.087	77	542032	39.256	ng/ul	96
8) Phenol	7.134	94	1121305	31.450	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.369	93	896651	30.641	ng/ul	96
12) 2-Chlorophenol	7.511	128	892041	31.337	ng/ul	97
13) 2-Methylphenol	8.393	108	764139	27.491	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1300075	32.377	ng/ul	98
16) Acetophenone	8.781	105	1334582	30.125	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.763	70	637155	28.601	ng/ul	96
18) 4-Methylphenol	8.722	108	835200	27.128	ng/ul	96
19) Hexachloroethane	9.034	117	354502	31.164	ng/ul	99
22) Nitrobenzene	9.163	77	970330	34.082	ng/ul	97
23) Isophorone	9.693	82	1728205	30.020	ng/ul	98
25) 2-Nitrophenol	9.875	139	488256	32.990	ng/ul	94
26) 2,4-Dimethylphenol	9.934	107	443410	15.355	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	1092586	29.682	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	830970	31.973	ng/ul	99
30) Naphthalene	10.816	128	2725817	31.562	ng/ul	100
32) 4-Chloroaniline	10.928	127	746958	20.153	ng/ul	100
33) Hexachlorobutadiene	11.099	225	612497	34.324	ng/ul	98
34) Caprolactam	11.710	113	214178	24.169	ng/ul	96
35) 4-Chloro-3-methylphenol	12.046	107	774356	29.196	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	1787379	30.168	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	1780238	29.217	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	1082358	36.911	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	371430	19.465	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	642409	34.089	ng/ul	99
42) 2,4,5-Trichlorophenol	13.099	196	701483	34.654	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	2277540	33.300	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	1842283	34.225	ng/ul	100
45) 2-Nitroaniline	13.675	65	479447	36.736	ng/ul	95
47) Dimethylphthalate	14.046	163	2157411	31.101	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	420178	32.593	ng/ul	99
50) Acenaphthylene	14.316	152	2646258	32.006	ng/ul	100
51) 3-Nitroaniline	14.498	138	413827	33.996	ng/ul	98
52) Acenaphthene	14.657	153	1862101	32.500	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	228769	25.961	ng/ul	96
55) 4-Nitrophenol	14.804	109	290516	33.819	ng/ul	97
56) Dibenzofuran	14.993	168	2571926	31.572	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	601143	32.102	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	576927	31.230	ng/ul	98
59) Diethylphthalate	15.410	149	2010584	29.816	ng/ul	99
61) Fluorene	15.640	166	2083022	31.884	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	1109801	32.122	ng/ul	98
63) 4-Nitroaniline	15.663	138	433187	40.441	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.722	198	364712	31.778	ng/ul	98
67) N-Nitrosodiphenylamine	15.845	169	1752318	34.633	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	689100	34.769	ng/ul	98
69) Hexachlorobenzene	16.645	284	819554	34.826	ng/ul	98
70) Atrazine	16.798	200	322974	16.380	ng/ul	100
71) Pentachlorophenol	16.992	266	389383	27.322	ng/ul	99
72) Phenanthrene	17.392	178	3360308	35.350	ng/ul	99
74) Anthracene	17.481	178	3195182	33.664	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	1057279	40.606	ng/uL	99
76) Pentachlorobenzene	14.910	250	962042	36.239	ng/uL	100
77) Carbazole	17.751	167	3009474	37.650	ng/ul	99
78) Di-n-butylphthalate	18.292	149	3255720	33.452	ng/ul	100
80) Fluoranthene	19.357	202	4196934	32.242	ng/ul	97
82) Pyrene	19.710	202	4444691	33.102	ng/ul	97
83) Butylbenzylphthalate	20.575	149	1548365	29.849	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	1159802	25.695	ng/ul	100
85) Benzo(a)anthracene	21.422	228	4823381	36.365	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.328	149	2199286	30.056	ng/ul	99
87) Chrysene	21.475	228	4565973	36.401	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	4003438	30.045	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	5381378	35.481	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	5243822	34.866	ng/ul	99
93) Benzo(a)pyrene	23.804	252	4703133	35.613	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.510	276	6162837	37.464	ng/ul	99
95) Dibenzo(a,h)anthracene	26.527	278	5419376	39.790	ng/ul	99
96) Benzo(g,h,i)perylene	27.310	276	4943277	37.431	ng/ul	99

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

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