Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010278.D
Acq On : 10 May 2022 23:02
Operator : CG/JU
Sample : SP5906
Misc : SFAM SPIKE
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP5906

Quant Time: May 11 01:19:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 15:59:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	136150	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	592416	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.540	164	410174	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.292	188	934360	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.380	240	965183	20.000	ng/ul	# 0.00
88) Perylene-d12	23.815	264	977820	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	99365	30.332	ng/uL#	1
5) Pyridine	3.781	79	692094	74.039	ng/ul#	47
6) Benzaldehyde	7.046	77	681901	97.580	ng/ul	93
8) Phenol	7.105	94	967434	75.884	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.328	93	722085	72.380	ng/ul#	74
12) 2-Chlorophenol	7.475	128	732851	78.353	ng/ul	95
13) 2-Methylphenol	8.357	108	734938	75.950	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1160548	73.956	ng/ul#	83
16) Acetophenone	8.734	105	1151329	70.850	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.722	70	625305	73.660	ng/ul#	70
18) 4-Methylphenol	8.687	108	793436	74.942	ng/ul	93
19) Hexachloroethane	8.993	117	302314	75.809	ng/ul#	82
22) Nitrobenzene	9.110	77	906418	75.173	ng/ul#	83
23) Isophorone	9.646	82	1743887	73.846	ng/ul#	97
25) 2-Nitrophenol	9.828	139	422146	75.875	ng/ul#	84
26) 2,4-Dimethylphenol	9.887	107	921150	77.539	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.122	93	1015561	73.279	ng/ul#	98
29) 2,4-Dichlorophenol	10.363	162	749033	77.787	ng/ul#	85
30) Naphthalene	10.763	128	2345342	74.197	ng/ul	97
32) 4-Chloroaniline	10.869	127	906622	62.428	ng/ul	97
33) Hexachlorobutadiene	11.057	225	500247	75.858	ng/ul	94
34) Caprolactam	11.675	113	268894	73.292	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.004	107	902039	77.849	ng/ul#	71
36) 2-Methylnaphthalene	12.369	142	1671665	74.692	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1723081	75.736	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.740	216	952263	75.521	ng/ul#	93
40) Hexachlorocyclopentadiene	12.722	237	602251	85.680	ng/ul	96
41) 2,4,6-Trichlorophenol	12.981	196	650446	78.656	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.051	196	709921	78.772	ng/ul#	87
43) 1,1'-Biphenyl	13.381	154	2306698	75.281	ng/ul	94
44) 2-Chloronaphthalene	13.422	162	1784354	75.185	ng/ul	93
45) 2-Nitroaniline	13.622	65	658520	81.963	ng/ul#	77
47) Dimethylphthalate	14.004	163	2333564	73.602	ng/ul#	92
48) 2,6-Dinitrotoluene	14.122	165	517566	80.005	ng/ul	93
50) Acenaphthylene	14.263	152	2938205	75.388	ng/ul	96
51) 3-Nitroaniline	14.451	138	515463	91.072	ng/ul#	82
52) Acenaphthene	14.610	153	1890733	74.940	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	338153	79.882	ng/ul#	80
55) 4-Nitrophenol	14.757	109	395869	74.469	ng/ul#	45
56) Dibenzofuran	14.945	168	2737041	74.138	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	747877	79.017	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.169	232	624144	78.025	ng/ul#	86
59) Diethylphthalate	15.369	149	2417900	73.876	ng/ul	94
61) Fluorene	15.592	166	2299385	75.196	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.587	204	1186292	75.044	ng/ul	98
63) 4-Nitroaniline	15.616	138	575109	102.828	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.675	198	447313	71.762	ng/ul#	92
67) N-Nitrosodiphenylamine	15.798	169	2015129	73.368	ng/ul	95
68) 4-Bromophenyl-phenylether	16.481	248	741888	75.167	ng/ul	94
69) Hexachlorobenzene	16.604	284	839651	73.555	ng/ul#	89
70) Atrazine	16.763	200	826637	74.496	ng/ul#	90
71) Pentachlorophenol	16.945	266	564376	74.485	ng/ul#	84
72) Phenanthrene	17.339	178	3765077	73.086	ng/ul	98
74) Anthracene	17.428	178	3797400	72.679	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	1024022	74.904	ng/uL#	87
76) Pentachlorobenzene	14.869	250	969037	74.136	ng/uL	91
77) Carbazole	17.698	167	3455835	73.307	ng/ul#	95
78) Di-n-butylphthalate	18.251	149	4343661	72.904	ng/ul#	93
80) Fluoranthene	19.304	202	4656694	76.787	ng/ul	97
82) Pyrene	19.657	202	4708641	75.013	ng/ul	96
83) Butylbenzylphthalate	20.522	149	2085771	78.022	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.292	252	1836586	89.029	ng/ul#	96
85) Benzo(a)anthracene	21.363	228	4646487	73.641	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.286	149	2988135	74.087	ng/ul#	83
87) Chrysene	21.422	228	4492443	71.840	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	5190913	78.861	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	4842304	75.402	ng/ul	99
91) Benzo(k)fluoranthene	23.127	252	4720113	77.897	ng/ul#	98
93) Benzo(a)pyrene	23.715	252	4780557	76.845	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	5248206	76.321	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.392	278	4556820	77.509	ng/ul#	95
96) Benzo(g,h,i)perylene	27.162	276	4389039	75.573	ng/ul#	92

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

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