Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015759.D
Acq On : 27 Jun 2023 22:33
Operator : MA/JU
Sample : 03101-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEL9

Quant Time: Jun 28 03:20:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	32	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.869	136	76	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.675	164	53	20.000	ng/ul	#-0.04
64) Phenanthrene-d10	17.481	188	680	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.563	240	2201	20.000	ng/ul	# 0.00
88) Perylene-d12	23.939	264	601477	20.000	ng/ul	#-0.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	13190	14829.948	ng/uL	0.00
4) Pyridine-d5	3.834	84	124955	55732.781	ng/ul	0.00
7) Phenol-d5	7.234	99	189845	69337.960	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	133032	78535.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	157554	76230.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	115158	53241.014	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	72050	124049.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	77394	114169.287	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	122080	101059.987	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	80442	51838.419	ng/ul	0.05
46) Dimethylphthalate-d6	14.122	166	453096	110605.880	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	497441	108021.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	60	110.990	ng/ul	-0.04
60) Fluorene-d10	15.710	176	387151	114777.794	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	34781	8316.947	ng/ul	0.02
73) Anthracene-d10	17.575	188	612017	19703.651	ng/ul	0.00
81) Pyrene-d10	19.798	212	797898	5551.730	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	625851	20.627	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	408	426.264	ng/uL#	20
5) Pyridine	3.840	79	133	56.705	ng/ul#	1
6) Benzaldehyde	7.193	77	67	60.526	ng/ul#	17
8) Phenol	7.269	94	923	324.856	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.440	93	147	65.027	ng/ul	89
12) 2-Chlorophenol	7.605	128	120	54.650	ng/ul#	1
13) 2-Methylphenol	8.516	108	40	18.646	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	26	8.421	ng/ul#	1
16) Acetophenone	8.899	105	165	46.406	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.881	70	31	15.698	ng/ul#	1
18) 4-Methylphenol	8.852	108	113	49.026	ng/ul	92
19) Hexachloroethane	9.134	117	62	61.135	ng/ul#	5
22) Nitrobenzene	9.252	77	834	511.323	ng/ul#	49
23) Isophorone	9.799	82	68	21.786	ng/ul#	46
25) 2-Nitrophenol	9.987	139	12	16.680	ng/ul#	1
26) 2,4-Dimethylphenol	10.052	107	28	17.704	ng/ul#	61
27) Bis(2-Chloroethoxy)met...	10.281	93	62	35.187	ng/ul#	1
29) 2,4-Dichlorophenol	10.516	162	46	38.302	ng/ul#	68
30) Naphthalene	10.904	128	25	6.051	ng/ul#	1
32) 4-Chloroaniline	11.034	127	26	16.127	ng/ul#	1
33) Hexachlorobutadiene	11.193	225	17	18.744	ng/ul#	1
34) Caprolactam	12.016	113	115	313.045	ng/ul	92
35) 4-Chloro-3-methylphenol	12.169	107	35	24.897	ng/ul#	28
36) 2-Methylnaphthalene	12.516	142	16	5.883	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.746	142	82	29.555	ng/ul#	21
39) 1,2,4,5-Tetrachloroben...	12.875	216	10	5.726	ng/ul#	1
40) Hexachlorocyclopentadiene	12.834	237	6	11.483	ng/ul#	1
41) 2,4,6-Trichlorophenol	13.122	196	8	7.248	ng/ul#	55
42) 2,4,5-Trichlorophenol	13.204	196	10	8.541	ng/ul#	1
43) 1,1'-Biphenyl	13.510	154	17	4.050	ng/ul#	48
44) 2-Chloronaphthalene	13.563	162	28	8.467	ng/ul#	9
45) 2-Nitroaniline	13.757	65	127	122.050	ng/ul#	53
47) Dimethylphthalate	14.169	163	51622	12176.440	ng/ul	97
48) 2,6-Dinitrotoluene	14.257	165	241	280.243	ng/ul#	53
50) Acenaphthylene	14.393	152	64	12.613	ng/ul#	92
51) 3-Nitroaniline	14.604	138	44	65.246	ng/ul#	30
52) Acenaphthene	14.728	153	20	5.684	ng/ul#	87
53) 2,4-Dinitrophenol	14.822	184	21	46.028	ng/ul#	1
55) 4-Nitrophenol	14.916	109	184	328.452	ng/ul#	16
56) Dibenzofuran	15.181	168	77	15.764	ng/ul	88
57) 2,4-Dinitrotoluene	15.057	165	120	102.398	ng/ul#	25
58) 2,3,4,6-Tetrachlorophenol	15.310	232	38	37.788	ng/ul#	1
59) Diethylphthalate	15.475	149	114	26.572	ng/ul#	85
61) Fluorene	15.804	166	241	60.830	ng/ul	86
62) 4-Chlorophenyl-phenyle...	15.710	204	20	9.866	ng/ul#	1
63) 4-Nitroaniline	15.763	138	105	227.493	ng/ul#	66
66) 4,6-Dinitro-2-methylph...	15.887	198	70	16.544	ng/ul#	1
67) N-Nitrosodiphenylamine	15.963	169	132	6.484	ng/ul#	67
68) 4-Bromophenyl-phenylether	16.657	248	45	5.795	ng/ul#	1
69) Hexachlorobenzene	16.769	284	10	1.091	ng/ul#	1
71) Pentachlorophenol	17.139	266	35	7.959	ng/ul#	37
72) Phenanthrene	17.516	178	82497	2233.181	ng/ul	96
74) Anthracene	17.516	178	82936	2234.284	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.516	216	48	4.338	ng/uL#	46
76) Pentachlorobenzene	15.051	250	99	8.865	ng/uL#	74
77) Carbazole	17.904	167	9396	300.322	ng/ul#	93
78) Di-n-butylphthalate	18.404	149	2867	69.122	ng/ul#	88
80) Fluoranthene	19.475	202	188858	1057.339	ng/ul	97
82) Pyrene	19.828	202	161306	885.314	ng/ul	98
83) Butylbenzylphthalate	20.686	149	372	5.004	ng/ul#	61
84) 3,3'-Dichlorobenzidine	21.475	252	335	6.733	ng/ul#	66
85) Benzo(a)anthracene	21.604	228	94289	608.985	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.427	149	22921	224.372	ng/ul#	95
87) Chrysene	21.604	228	92153	627.335	ng/ul	97

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

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