Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015860.D
Acq On : 01 Jul 2023 00:12
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

Quant Time: Jul 01 00:44:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	85	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.887	136	229	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	751	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.569	188	1270785	20.000	ng/ul	# 0.11
79) Chrysene-d12	21.698	240	87	20.000	ng/ul	# 0.14
88) Perylene-d12	24.257	264	231	20.000	ng/ul	# 0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	22277	9429.368	ng/uL	0.00
4) Pyridine-d5	3.846	84	38531	6469.912	ng/ul	0.02
7) Phenol-d5	7.240	99	404823	55663.194	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	294431	65436.844	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	337539	61482.930	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	263598	45880.207	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	171233	97841.951	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	182190	89195.849	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	302738	83172.502	ng/ul	0.04
31) 4-Chloroaniline-d4	11.075	131	205279	43902.729	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	1113221	19178.088	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1241956	19033.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	110	14.360	ng/ul	0.00
60) Fluorene-d10	15.704	176	925858	19371.257	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	91968	11.768	ng/ul	0.02
73) Anthracene-d10	17.569	188	1289815	22.220	ng/ul	0.00
81) Pyrene-d10	19.792	212	1441339	253715.999	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.116	264	1204	103.324	ng/ul	0.18
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	304	119.570	ng/uL#	1
5) Pyridine	3.852	79	423	67.895	ng/ul#	1
6) Benzaldehyde	7.199	77	238	80.942	ng/ul#	23
8) Phenol	7.264	94	1447	191.729	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.464	93	197	32.807	ng/ul#	66
12) 2-Chlorophenol	7.469	128	117	20.060	ng/ul	90
13) 2-Methylphenol	8.475	108	62	10.881	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.575	45	255	31.092	ng/ul#	1
16) Acetophenone	8.875	105	189	20.012	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.869	70	520	99.133	ng/ul#	1
18) 4-Methylphenol	8.875	108	74	12.087	ng/ul	95
19) Hexachloroethane	9.116	117	83	30.811	ng/ul#	16
22) Nitrobenzene	9.293	77	612	124.526	ng/ul#	54
23) Isophorone	9.805	82	267	28.389	ng/ul#	58
25) 2-Nitrophenol	10.005	139	40	18.452	ng/ul#	1
26) 2,4-Dimethylphenol	10.063	107	68	14.269	ng/ul#	50
27) Bis(2-Chloroethoxy)met...	10.287	93	87	16.387	ng/ul#	38
29) 2,4-Dichlorophenol	10.546	162	38	10.501	ng/ul#	1
30) Naphthalene	10.952	128	4451	357.540	ng/ul#	94
32) 4-Chloroaniline	11.075	127	111	22.849	ng/ul#	1
33) Hexachlorobutadiene	11.281	225	27	9.880	ng/ul	94
34) Caprolactam	11.887	113	383	346.008	ng/ul	85
35) 4-Chloro-3-methylphenol	12.210	107	20	4.722	ng/ul#	72
36) 2-Methylnaphthalene	12.581	142	2538	309.696	ng/ul	96

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Operator : MA/JU
Sample : 03239-15
Misc :
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.746	142	71	8.493	ng/ul#	53
39) 1,2,4,5-Tetrachloroben...	12.899	216	26	1.051	ng/ul#	1
40) Hexachlorocyclopentadiene	12.846	237	36	4.862	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.163	196	17	1.087	ng/ul#	89
42) 2,4,5-Trichlorophenol	13.234	196	49	2.954	ng/ul#	55
44) 2-Chloronaphthalene	13.587	162	50	1.067	ng/ul#	1
45) 2-Nitroaniline	13.810	65	67	4.544	ng/ul#	36
47) Dimethylphthalate	14.163	163	5004	83.299	ng/ul#	86
48) 2,6-Dinitrotoluene	14.304	165	85	6.975	ng/ul#	34
50) Acenaphthylene	14.434	152	3565	49.584	ng/ul#	84
51) 3-Nitroaniline	14.657	138	16	1.674	ng/ul#	1
52) Acenaphthene	14.775	153	2070	41.519	ng/ul#	86
53) 2,4-Dinitrophenol	14.875	184	15	2.320	ng/ul#	1
55) 4-Nitrophenol	15.134	109	56	7.055	ng/ul	89
56) Dibenzofuran	15.122	168	2353	33.997	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	91	5.480	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.340	232	17	1.193	ng/ul#	1
59) Diethylphthalate	15.528	149	2606	42.868	ng/ul#	79
61) Fluorene	15.763	166	1400	24.938	ng/ul#	91
62) 4-Chlorophenyl-phenyle...	15.740	204	84	2.924	ng/ul#	1
63) 4-Nitroaniline	15.816	138	138	21.101	ng/ul#	23
80) Fluoranthene	19.628	202	1306	184.979	ng/ul#	42
82) Pyrene	19.969	202	572	79.422	ng/ul#	2
83) Butylbenzylphthalate	20.816	149	217	73.854	ng/ul#	64
84) 3,3'-Dichlorobenzidine	21.610	252	479	243.556	ng/ul#	56
85) Benzo(a)anthracene	21.545	228	58971	9635.739	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.410	149	66596	16492.436	ng/ul	99
87) Chrysene	21.598	228	67488	11622.975	ng/ul	95
89) Di-n-octyl phthalate	22.492	149	5033	298.133	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	210	14.148	ng/ul#	1
91) Benzo(k)fluoranthene	23.516	252	12791	852.925	ng/ul#	35
93) Benzo(a)pyrene	24.163	252	22790	1757.211	ng/ul#	54
94) Indeno(1,2,3-cd)pyrene	26.927	276	603	34.249	ng/ul#	1
95) Dibenzo(a,h)anthracene	27.004	278	32	2.213	ng/ul#	1
96) Benzo(g,h,i)perylene	27.815	276	180	12.427	ng/ul#	1

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

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