Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062441.D
Acq On : 16 Aug 2024 12:48
Operator : MA/JU
Sample : P3264-05RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DK9RE

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 13:41:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	52865	20.000	ng/ul	0.00
20) Naphthalene-d8	10.755	136	241107	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.579	164	177096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	382823	20.000	ng/ul	0.00
79) Chrysene-d12	21.570	240	367470	20.000	ng/ul	0.00
88) Perylene-d12	24.654	264	421144	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	4231	3.039	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.113	99	106692	20.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	66216	19.988	ng/ul	0.00
11) 2-Chlorophenol-d4	7.489	132	79682	22.180	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	83012	18.831	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	41890	27.092	ng/ul	0.00
24) 2-Nitrophenol-d4	9.833	143	42999	27.955	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	108088	27.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	94384	15.192	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	343583	24.942	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	367253	24.078	ng/ul	0.00
54) 4-Nitrophenol-d4	14.773	143	54381	24.746	ng/ul	0.01
60) Fluorene-d10	15.572	176	316911	25.507	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	45516	26.168	ng/ul	0.00
73) Anthracene-d10	17.417	188	480321	26.118	ng/ul	0.00
81) Pyrene-d10	19.702	212	604088	28.070	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.442	264	619555	27.721	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.142	94	362394	65.670	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.383	93	546960	133.950	ng/ul	98
12) 2-Chlorophenol	7.518	128	100993	27.178	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.764	70	266676	69.982	ng/ul	98
22) Nitrobenzene	9.151	77	149483	34.226	ng/ul	98
25) 2-Nitrophenol	9.862	139	179139	104.248	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.162	93	673358	117.365	ng/ul	99
29) 2,4-Dichlorophenol	10.397	162	452304	112.427	ng/ul	99
30) Naphthalene	10.808	128	1849206	132.241	ng/ul	99
35) 4-Chloro-3-methylphenol	12.024	107	598858	127.214	ng/ul	100
41) 2,4,6-Trichlorophenol	13.011	196	407213	119.701	ng/ul	95
42) 2,4,5-Trichlorophenol	13.081	196	454480	127.246	ng/ul	99
48) 2,6-Dinitrotoluene	14.156	165	273267	137.000	ng/ul#	88
50) Acenaphthylene	14.303	152	2083047	127.556	ng/ul	96
52) Acenaphthene	14.644	153	1192540	97.577	ng/ul	97
55) 4-Nitrophenol	14.791	109	290537	154.026	ng/ul	97
56) Dibenzofuran	14.979	168	1348867	78.458	ng/ul	97
59) Diethylphthalate	15.408	149	1749032	125.488	ng/ul	99
61) Fluorene	15.631	166	903715	66.691	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.625	204	916406	131.603	ng/ul	99
71) Pentachlorophenol	16.970	266	423113	144.853	ng/ul	100
74) Anthracene	17.458	178	2713196	123.128	ng/ul	94
78) Di-n-butylphthalate	18.286	149	1361507	61.486	ng/ul	99
80) Fluoranthene	19.373	202	2654499	110.410	ng/ul#	95

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82) Pyrene	19.737	202	3155136	121.758	ng/ul#	93
83) Butylbenzylphthalate	20.630	149	1523484	174.538	ng/ul	94
85) Benzo(a)anthracene	21.546	228	2092466	78.452	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.470	149	1896173	148.686	ng/ul	98
87) Chrysene	21.617	228	3539612m	139.982	ng/ul	
91) Benzo(k)fluoranthene	23.749	252	1892713	73.705	ng/ul	98
93) Benzo(a)pyrene	24.513	252	892947	37.230	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.190	276	3048282	99.995	ng/ul	99
95) Dibenzo(a,h)anthracene	28.220	278	739550	29.930	ng/ul	98
96) Benzo(g,h,i)perylene	29.289	276	2822662	120.398	ng/ul	98

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

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