Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061774.D
Acq On : 28 Jun 2024 16:19
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020544

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 17:23:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	83532	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	401709	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.688	164	260605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.426	188	581385	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240	448570	20.000	ng/ul	0.00
88) Perylene-d12	24.906	264	525845	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	17587	7.606	ng/uL	0.00
4) Pyridine-d5	3.872	84	134882	19.293	ng/ul	0.00
7) Phenol-d5	7.203	99	173637	19.148	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	107235	18.970	ng/ul	0.00
11) 2-Chlorophenol-d4	7.585	132	120827	19.417	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	135836	19.377	ng/ul	0.00
21) Nitrobenzene-d5	9.224	128	60592	22.215	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	69859	25.288	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	131588	20.117	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	174747	17.645	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166	386247	19.260	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	444064	20.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.871	143	65248	18.944	ng/ul	0.00
60) Fluorene-d10	15.676	176	339428	19.333	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	49332	19.844	ng/ul	0.00
73) Anthracene-d10	17.526	188	531997	20.047	ng/ul	0.00
81) Pyrene-d10	19.812	212	547895	21.867	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.689	264	515221	20.514	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.496	88	19420	6.758	ng/uL#	84
5) Pyridine	3.895	79	137593	18.308	ng/ul	92
6) Benzaldehyde	7.191	77	106550	23.877	ng/ul	92
8) Phenol	7.233	94	178978	18.756	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.473	93	135567	18.875	ng/ul	97
12) 2-Chlorophenol	7.614	128	123560	19.791	ng/ul	91
13) 2-Methylphenol	8.490	108	126207	18.903	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.578	45	296759	20.224	ng/ul	98
16) Acetophenone	8.884	105	210447	18.231	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.866	70	110356	17.797	ng/ul#	98
18) 4-Methylphenol	8.819	108	136805	18.290	ng/ul	94
19) Hexachloroethane	9.142	117	52200	20.853	ng/ul	91
22) Nitrobenzene	9.265	77	174839	22.251	ng/ul	96
23) Isophorone	9.788	82	331453	18.342	ng/ul	98
25) 2-Nitrophenol	9.976	139	69457	24.044	ng/ul#	78
26) 2,4-Dimethylphenol	10.029	107	159804	19.780	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.270	93	193967	18.975	ng/ul	97
29) 2,4-Dichlorophenol	10.511	162	122543	20.447	ng/ul	96
30) Naphthalene	10.922	128	425319	18.922	ng/ul	99
32) 4-Chloroaniline	11.022	127	173532	17.668	ng/ul	91
33) Hexachlorobutadiene	11.198	225	93002	22.465	ng/ul	94
34) Caprolactam	11.780	113	42983m	17.344	ng/ul	
35) 4-Chloro-3-methylphenol	12.139	107	155070	18.503	ng/ul	95
36) 2-Methylnaphthalene	12.520	142	294724	18.583	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.738	142	302311	17.864	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.879	216	162750	22.067	ng/ul	98
40)	Hexachlorocyclopentadiene	12.855	237	82493	18.798	ng/ul	93
41)	2,4,6-Trichlorophenol	13.120	196	103080	21.662	ng/ul#	82
42)	2,4,5-Trichlorophenol	13.190	196	112182	21.629	ng/ul	89
43)	1,1'-Biphenyl	13.525	154	389279	20.621	ng/ul	100
44)	2-Chloronaphthalene	13.566	162	306008	21.103	ng/ul	97
45)	2-Nitroaniline	13.766	65	118473	23.866	ng/ul	95
47)	Dimethylphthalate	14.136	163	367004	18.429	ng/ul#	97
48)	2,6-Dinitrotoluene	14.260	165	81380	24.626	ng/ul#	95
50)	Acenaphthylene	14.412	152	487761	19.882	ng/ul	96
51)	3-Nitroaniline	14.589	138	83044	24.539	ng/ul#	96
52)	Acenaphthene	14.747	153	335018	19.718	ng/ul	94
53)	2,4-Dinitrophenol	14.794	184	31308	18.643	ng/ul#	75
55)	4-Nitrophenol	14.882	109	65395	18.386	ng/ul	94
56)	Dibenzofuran	15.082	168	463495	19.494	ng/ul	88
57)	2,4-Dinitrotoluene	15.041	165	114657	23.374	ng/ul#	97
58)	2,3,4,6-Tetrachlorophenol	15.305	232	98922	19.451	ng/ul	96
59)	Diethylphthalate	15.499	149	387225	18.879	ng/ul	98
61)	Fluorene	15.734	166	383177	19.474	ng/ul	95
62)	4-Chlorophenyl-phenyle...	15.723	204	188165	19.263	ng/ul	98
63)	4-Nitroaniline	15.746	138	83452	23.277	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.805	198	51142	18.162	ng/ul#	95
67)	N-Nitrosodiphenylamine	15.934	169	323338	21.506	ng/ul	97
68)	4-Bromophenyl-phenylether	16.616	248	132316	22.104	ng/ul	94
69)	Hexachlorobenzene	16.727	284	154653	21.289	ng/ul	98
70)	Atrazine	16.880	200	123423	20.553	ng/ul	97
71)	Pentachlorophenol	17.074	266	83162	18.793	ng/ul	97
72)	Phenanthrene	17.473	178	604861	19.775	ng/ul	99
74)	Anthracene	17.562	178	625275	19.991	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.484	216	159052	24.555	ng/ul	98
76)	Pentachlorobenzene	15.000	250	176018	22.628	ng/ul	92
77)	Carbazole	17.832	167	529405	19.934	ng/ul	99
78)	Di-n-butylphthalate	18.390	149	673485	21.203	ng/ul	99
80)	Fluoranthene	19.477	202	656502	22.582	ng/ul	99
82)	Pyrene	19.835	202	667731	21.601	ng/ul	98
83)	Butylbenzylphthalate	20.723	149	279476	24.831	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.586	252	191248	20.164	ng/ul	99
85)	Benzo(a)anthracene	21.674	228	631921	20.069	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.586	149	402721	24.342	ng/ul#	98
87)	Chrysene	21.739	228	583885	19.597	ng/ul	99
89)	Di-n-octyl phthalate	22.803	149	688739	24.833	ng/ul	100
90)	Benzo(b)fluoranthene	23.884	252	634539	20.074	ng/ul	99
91)	Benzo(k)fluoranthene	23.954	252	637993	19.625	ng/ul	98
93)	Benzo(a)pyrene	24.759	252	593698	19.509	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.566	276	768264	20.259	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.643	278	638533	20.249	ng/ul	100
96)	Benzo(g,h,i)perylene	29.718	276	611184	19.994	ng/ul	99

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

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