Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063830.D
Acq On : 24 Dec 2024 22:21
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020582

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 03:34:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	109754	20.000	ng/ul	0.00
20) Naphthalene-d8	10.590	136	448709	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	348901	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.188	188	790018	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	799725	20.000	ng/ul	0.00
88) Perylene-d12	24.456	264	835082	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	21456	7.661	ng/uL	0.00
4) Pyridine-d5	3.669	84	166152	18.806	ng/ul	0.00
7) Phenol-d5	6.988	99	210181	20.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.129	67	131355	18.815	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	136093	20.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	156883	19.990	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	72500	22.629	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	82322	22.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	160129	23.030	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	214414	24.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	496315	20.905	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	594248	21.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	71026	21.115	ng/ul	0.00
60) Fluorene-d10	15.437	176	460693	21.947	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	83060	20.250	ng/ul	0.00
73) Anthracene-d10	17.288	188	787854	23.196	ng/ul	0.00
81) Pyrene-d10	19.591	212	897441	21.565	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	900794	22.970	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	23580	7.114	ng/uL#	85
5) Pyridine	3.686	79	172632	18.242	ng/ul	93
6) Benzaldehyde	6.941	77	123906	19.984	ng/ul	89
8) Phenol	7.012	94	220576	20.475	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.223	93	160086	19.422	ng/ul	94
12) 2-Chlorophenol	7.370	128	142290	21.480	ng/ul	97
13) 2-Methylphenol	8.258	108	158461	20.351	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	246288	20.128	ng/ul	96
16) Acetophenone	8.616	105	264725	19.887	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.598	70	148527	18.700	ng/ul	91
18) 4-Methylphenol	8.581	108	175017	20.538	ng/ul	97
19) Hexachloroethane	8.869	117	63475	19.502	ng/ul	89
22) Nitrobenzene	8.998	77	222765	20.822	ng/ul	99
23) Isophorone	9.515	82	399612	19.769	ng/ul	98
25) 2-Nitrophenol	9.709	139	88594	24.004	ng/ul	90
26) 2,4-Dimethylphenol	9.779	107	182997	21.850	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.997	93	224979	20.577	ng/ul	98
29) 2,4-Dichlorophenol	10.249	162	156934	22.715	ng/ul	96
30) Naphthalene	10.637	128	499914	22.284	ng/ul	98
32) 4-Chloroaniline	10.755	127	204548	24.351	ng/ul	97
33) Hexachlorobutadiene	10.919	225	109970	19.592	ng/ul	99
34) Caprolactam	11.501	113	58550m	24.516	ng/ul	
35) 4-Chloro-3-methylphenol	11.894	107	178010	21.946	ng/ul	96
36) 2-Methylnaphthalene	12.253	142	355078	22.022	ng/ul	93

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.476	142	357818	21.787	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.629	216	212944	19.065	ng/ul	98
40)	Hexachlorocyclopentadiene	12.605	237	58401	13.227	ng/ul	92
41)	2,4,6-Trichlorophenol	12.876	196	130061	20.603	ng/ul	92
42)	2,4,5-Trichlorophenol	12.958	196	146854	22.290	ng/ul	96
43)	1,1'-Biphenyl	13.269	154	490044	21.298	ng/ul	93
44)	2-Chloronaphthalene	13.310	162	390855	21.154	ng/ul	96
45)	2-Nitroaniline	13.522	65	142019	22.947	ng/ul	97
47)	Dimethylphthalate	13.892	163	486837	20.461	ng/ul	98
48)	2,6-Dinitrotoluene	14.021	165	98565	22.305	ng/ul	95
50)	Acenaphthylene	14.162	152	634638	21.870	ng/ul	99
51)	3-Nitroaniline	14.350	138	79232	19.393	ng/ul#	89
52)	Acenaphthene	14.503	153	459252	22.328	ng/ul	94
53)	2,4-Dinitrophenol	14.574	184	39701m	17.580	ng/ul	
55)	4-Nitrophenol	14.691	109	75762	21.690	ng/ul	95
56)	Dibenzofuran	14.838	168	670752	23.131	ng/ul	96
57)	2,4-Dinitrotoluene	14.815	165	160701	24.474	ng/ul#	95
58)	2,3,4,6-Tetrachlorophenol	15.079	232	109951	19.361	ng/ul	96
59)	Diethylphthalate	15.261	149	497047	21.609	ng/ul	99
61)	Fluorene	15.490	166	522378	22.560	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.484	204	261967	20.308	ng/ul	100
63)	4-Nitroaniline	15.520	138	53249m	13.019	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.590	198	90893	21.509	ng/ul#	91
67)	N-Nitrosodiphenylamine	15.702	169	448247	23.431	ng/ul	96
68)	4-Bromophenyl-phenylether	16.383	248	181241	22.511	ng/ul	98
69)	Hexachlorobenzene	16.507	284	199684	22.136	ng/ul	94
70)	Atrazine	16.654	200	179539	22.201	ng/ul	99
71)	Pentachlorophenol	16.859	266	61333m	16.126	ng/ul	
72)	Phenanthrene	17.235	178	909462	23.889	ng/ul	98
74)	Anthracene	17.323	178	925936	24.030	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.234	216	219211	20.797	ng/ul	99
76)	Pentachlorobenzene	14.768	250	227696	21.805	ng/ul	99
77)	Carbazole	17.600	167	781647	25.060	ng/ul	99
78)	Di-n-butylphthalate	18.158	149	939633	24.944	ng/ul	99
80)	Fluoranthene	19.256	202	1074524	22.717	ng/ul	98
82)	Pyrene	19.621	202	1144454	22.742	ng/ul#	95
83)	Butylbenzylphthalate	20.514	149	412759	26.719	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.342	252	330046	22.862	ng/ul	89
85)	Benzo(a)anthracene	21.424	228	1096932	21.886	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.336	149	610746	27.178	ng/ul	97
87)	Chrysene	21.483	228	1051641	22.015	ng/ul	98
89)	Di-n-octyl phthalate	22.464	149	1042674	28.928	ng/ul	100
90)	Benzo(b)fluoranthene	23.504	252	1086973	22.902	ng/ul	98
91)	Benzo(k)fluoranthene	23.563	252	1082344	22.862	ng/ul	99
93)	Benzo(a)pyrene	24.309	252	1006317	22.589	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.852	276	1285217	23.623	ng/ul	93
95)	Dibenzo(a,h)anthracene	27.899	278	1027658	23.606	ng/ul#	95
96)	Benzo(g,h,i)perylene	28.916	276	985924m	22.837	ng/ul	

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

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