Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063448.D
Acq On : 16 Nov 2024 5:42
Operator : RC/JU
Sample : PB164941BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 16 05:21:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS941

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

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11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	87440	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	378037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.471	164	293271	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.226	188	755469	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	793888	20.000	ng/ul	# 0.00
88) Perylene-d12	24.518	264	822736	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	15525	8.028	ng/uL	0.00
4) Pyridine-d5	3.707	84	235317	36.817	ng/ul	0.00
7) Phenol-d5	7.015	99	282340	35.784	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	172329	37.236	ng/ul	0.00
11) 2-Chlorophenol-d4	7.367	132	197057	38.478	ng/ul	0.00
15) 4-Methylphenol-d8	8.548	113	232639	34.786	ng/ul	0.00
21) Nitrobenzene-d5	8.989	128	102534	38.580	ng/ul	0.00
24) 2-Nitrophenol-d4	9.711	143	127553	37.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	252238	37.419	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	266044	30.301	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	771059	33.565	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	870572	38.719	ng/ul	0.00
54) 4-Nitrophenol-d4	14.694	143	121109	38.505	ng/ul	0.01
60) Fluorene-d10	15.469	176	712991	36.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	169740	35.750	ng/ul	0.00
73) Anthracene-d10	17.326	188	1218189	37.518	ng/ul	0.00
81) Pyrene-d10	19.623	212	1598626	40.163	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.312	264	1560973	39.297	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.342	88	30128	12.656	ng/uL	92
5) Pyridine	3.730	79	225355	34.557	ng/ul	100
6) Benzaldehyde	6.974	77	110719	25.390	ng/ul	90
8) Phenol	7.038	94	297441	34.593	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.256	93	204239	34.926	ng/ul	87
12) 2-Chlorophenol	7.402	128	205643	37.539	ng/ul	97
13) 2-Methylphenol	8.278	108	217030	34.555	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.348	45	283722	38.386	ng/ul	93
16) Acetophenone	8.648	105	350701	32.569	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.636	70	199749	31.802	ng/ul	97
18) 4-Methylphenol	8.607	108	239584	33.547	ng/ul	98
19) Hexachloroethane	8.907	117	84751	38.178	ng/ul	89
22) Nitrobenzene	9.030	77	296804	36.219	ng/ul	95
23) Isophorone	9.553	82	535789	30.978	ng/ul	98
25) 2-Nitrophenol	9.741	139	122711	36.139	ng/ul	90
26) 2,4-Dimethylphenol	9.805	107	207753	28.050	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.035	93	288802	34.637	ng/ul#	96
29) 2,4-Dichlorophenol	10.276	162	230508	36.272	ng/ul	92
30) Naphthalene	10.669	128	694193	35.888	ng/ul	99
32) 4-Chloroaniline	10.781	127	206327	24.553	ng/ul	100
33) Hexachlorobutadiene	10.957	225	193238	31.771	ng/ul	91
34) Caprolactam	11.539	113	71729m	27.157	ng/ul	
35) 4-Chloro-3-methylphenol	11.921	107	250133	32.803	ng/ul	96
36) 2-Methylnaphthalene	12.285	142	503979	32.873	ng/ul	100

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37) 1-Methylnaphthalene	12.508	142	496822	31.163	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.661	216	374943	36.267	ng/ul	99
40) Hexachlorocyclopentadiene	12.637	237	119998	21.257	ng/ul	94
41) 2,4,6-Trichlorophenol	12.902	196	196898	35.284	ng/ul	97
42) 2,4,5-Trichlorophenol	12.978	196	221592	36.618	ng/ul	90
43) 1,1'-Biphenyl	13.301	154	711435	38.271	ng/ul	98
44) 2-Chloronaphthalene	13.343	162	549736	37.986	ng/ul	98
45) 2-Nitroaniline	13.554	65	192129	38.918	ng/ul	94
47) Dimethylphthalate	13.924	163	725284	32.928	ng/ul#	98
48) 2,6-Dinitrotoluene	14.048	165	156110	37.037	ng/ul	99
50) Acenaphthylene	14.194	152	873912	39.018	ng/ul	98
51) 3-Nitroaniline	14.382	138	146460	39.808	ng/ul	91
52) Acenaphthene	14.535	153	610324	38.072	ng/ul	99
53) 2,4-Dinitrophenol	14.594	184	78666	28.308	ng/ul	95
55) 4-Nitrophenol	14.706	109	132159	32.330	ng/ul	93
56) Dibenzofuran	14.870	168	894004	36.431	ng/ul	98
57) 2,4-Dinitrotoluene	14.841	165	233795	35.071	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.105	232	199204	31.786	ng/ul#	98
59) Diethylphthalate	15.293	149	750301	33.224	ng/ul	98
61) Fluorene	15.522	166	751755	36.196	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	450215	33.730	ng/ul	96
63) 4-Nitroaniline	15.546	138	166179	44.627	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.610	198	171595	34.825	ng/ul	96
67) N-Nitrosodiphenylamine	15.734	169	641054	38.037	ng/ul	97
68) 4-Bromophenyl-phenylether	16.410	248	319441	36.987	ng/ul	97
69) Hexachlorobenzene	16.533	284	324024	35.217	ng/ul	95
70) Atrazine	16.686	200	138283	14.999	ng/ul	98
71) Pentachlorophenol	16.880	266	124729	27.041	ng/ul	91
72) Phenanthrene	17.267	178	1328929	38.501	ng/ul	98
74) Anthracene	17.355	178	1300703	36.785	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.266	216	382502	39.154	ng/ul	97
76) Pentachlorobenzene	14.794	250	373102	35.814	ng/ul	96
77) Carbazole	17.632	167	1151308	39.217	ng/ul	98
78) Di-n-butylphthalate	18.190	149	1327050	39.739	ng/ul	99
80) Fluoranthene	19.288	202	1744608	40.550	ng/ul#	98
82) Pyrene	19.653	202	1829323	40.114	ng/ul#	96
83) Butylbenzylphthalate	20.552	149	591552	44.385	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	645507	37.813	ng/ul	98
85) Benzo(a)anthracene	21.462	228	1935165	38.536	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	860855	44.344	ng/ul	100
87) Chrysene	21.527	228	1795045	38.341	ng/ul	99
89) Di-n-octyl phthalate	22.520	149	1479584	45.635	ng/ul	100
90) Benzo(b)fluoranthene	23.560	252	1930301m	38.995	ng/ul	
91) Benzo(k)fluoranthene	23.625	252	1906868	38.674	ng/ul	99
93) Benzo(a)pyrene	24.377	252	1726911	37.715	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.949	276	2183153	38.870	ng/ul	97
95) Dibenzo(a,h)anthracene	27.996	278	1803194	39.380	ng/ul#	95
96) Benzo(g,h,i)perylene	29.018	276	1656691	38.905	ng/ul	96

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

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