Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020307.D
Acq On : 11 May 2024 03:27
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020792

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/13/2024
Supervised By :mohammad ahmed 05/14/2024

Quant Time: May 11 03:58:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	74508	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	302835	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	209619	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.133	188	470343	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	469880	20.000	ng/ul	0.00
88) Perylene-d12	25.015	264	543670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	13180	7.471	ng/uL	0.00
4) Pyridine-d5	3.617	84	87384	17.047	ng/ul	0.00
7) Phenol-d5	6.805	99	112397	17.566	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	66494	17.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	87231	19.070	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	91879	17.761	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	43011	18.967	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.487	143	51572	19.859	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	93648	19.761	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	122258	18.433	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	293924	19.201	ng/ul	-0.01
49) Acenaphthylene-d8	13.981	160	320121	18.931	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	36569	15.544	ng/ul	0.00
60) Fluorene-d10	15.316	176	248247	19.443	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	50901	17.054	ng/ul	0.00
73) Anthracene-d10	17.233	188	397149	19.518	ng/ul	-0.01
81) Pyrene-d10	19.639	212	482565	17.569	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	499257	18.992	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	14037	7.012	ng/uL	96
5) Pyridine	3.634	79	89718	17.304	ng/ul	95
6) Benzaldehyde	6.787	77	63279	19.675	ng/ul	97
8) Phenol	6.828	94	116237	17.600	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.058	93	91329	17.673	ng/ul	99
12) 2-Chlorophenol	7.181	128	92983	19.469	ng/ul	95
13) 2-Methylphenol	8.057	108	88326	17.930	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	110733m	17.177	ng/ul	
16) Acetophenone	8.440	105	151656	17.663	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.416	70	80896	17.362	ng/ul	96
18) 4-Methylphenol	8.387	108	93878	17.533	ng/ul	93
19) Hexachloroethane	8.657	117	42912	19.648	ng/ul	91
22) Nitrobenzene	8.816	77	119116	18.298	ng/ul	93
23) Isophorone	9.334	82	220270	17.596	ng/ul	99
25) 2-Nitrophenol	9.516	139	53888	20.033	ng/ul	91
26) 2,4-Dimethylphenol	9.575	107	111202	18.949	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.816	93	124859	17.992	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	91382	19.825	ng/ul	98
30) Naphthalene	10.434	128	305702	19.585	ng/ul	99
32) 4-Chloroaniline	10.569	127	114898	17.715	ng/ul	98
33) Hexachlorobutadiene	10.693	225	72270	20.186	ng/ul	96
34) Caprolactam	11.381	113	27698	17.209	ng/ul	90
35) 4-Chloro-3-methylphenol	11.710	107	109521	19.083	ng/ul	99
36) 2-Methylnaphthalene	12.057	142	206193	18.985	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.281	142	210893	19.296	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.434	216	130853	20.016	ng/ul	98
40)	Hexachlorocyclopentadiene	12.393	237	65234	18.348	ng/ul	95
41)	2,4,6-Trichlorophenol	12.693	196	81972	19.994	ng/ul	99
42)	2,4,5-Trichlorophenol	12.775	196	85646	19.414	ng/ul	99
43)	1,1'-Biphenyl	13.092	154	278768	18.802	ng/ul	99
44)	2-Chloronaphthalene	13.140	162	227134	19.306	ng/ul	98
45)	2-Nitroaniline	13.375	65	72442	18.564	ng/ul	97
47)	Dimethylphthalate	13.751	163	298455	19.302	ng/ul	100
48)	2,6-Dinitrotoluene	13.892	165	59669	19.412	ng/ul	97
50)	Acenaphthylene	14.004	152	362576	19.063	ng/ul	99
51)	3-Nitroaniline	14.234	138	52773	18.408	ng/ul	99
52)	Acenaphthene	14.351	153	245260	19.189	ng/ul	99
53)	2,4-Dinitrophenol	14.463	184	31956	16.937	ng/ul	91
55)	4-Nitrophenol	14.569	109	49350m	20.147	ng/ul	
56)	Dibenzofuran	14.698	168	341691	19.438	ng/ul	98
57)	2,4-Dinitrotoluene	14.704	165	88810	20.096	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	14.939	232	79254	20.006	ng/ul#	96
59)	Diethylphthalate	15.157	149	300001	19.437	ng/ul	99
61)	Fluorene	15.369	166	286504	19.615	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.369	204	151351	19.532	ng/ul	96
63)	4-Nitroaniline	15.434	138	48349	20.237	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.492	198	53091	17.059	ng/ul	95
67)	N-Nitrosodiphenylamine	15.598	169	242647	18.528	ng/ul	99
68)	4-Bromophenyl-phenylether	16.298	248	100082	19.645	ng/ul	96
69)	Hexachlorobenzene	16.398	284	118046	20.005	ng/ul	94
70)	Atrazine	16.598	200	84891	18.281	ng/ul	99
71)	Pentachlorophenol	16.781	266	63589	17.829	ng/ul	98
72)	Phenanthrene	17.181	178	458345	19.100	ng/ul	99
74)	Anthracene	17.269	178	470356	19.271	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.051	216	130836	18.717	ng/uL	96
76)	Pentachlorobenzene	14.610	250	133972	19.152	ng/uL	95
77)	Carbazole	17.569	167	405188	19.270	ng/ul	99
78)	Di-n-butylphthalate	18.169	149	498813	19.572	ng/ul	99
80)	Fluoranthene	19.292	202	569045	17.604	ng/ul	99
82)	Pyrene	19.674	202	588883	17.509	ng/ul	98
83)	Butylbenzylphthalate	20.645	149	242308	18.979	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.545	252	193633	20.248	ng/ul	98
85)	Benzo(a)anthracene	21.616	228	621475	19.500	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.557	149	356400	19.350	ng/ul	96
87)	Chrysene	21.680	228	560127	18.963	ng/ul	99
89)	Di-n-octyl phthalate	22.857	149	604775	17.370	ng/ul	100
90)	Benzo(b)fluoranthene	23.933	252	615033	19.017	ng/ul	97
91)	Benzo(k)fluoranthene	24.004	252	611437	18.552	ng/ul	99
93)	Benzo(a)pyrene	24.833	252	581588	18.900	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.815	276	719626m	19.077	ng/ul	
95)	Dibenzo(a,h)anthracene	28.927	278	580473	18.604	ng/ul	99
96)	Benzo(g,h,i)perylene	29.992	276	579019m	19.031	ng/ul	

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

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