Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022668.D
Acq On : 27 Oct 2024 08:54
Operator : RC/JU
Sample : P4559-11MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCNY7MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:38:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	70713	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	268281	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.269	164	213688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	564713	20.000	ng/ul	-0.02
79) Chrysene-d12	21.503	240	690990	20.000	ng/ul	0.00
88) Perylene-d12	24.762	264	804954	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9077	4.988	ng/uL	0.00
4) Pyridine-d5	3.604	84	49448	9.899	ng/ul	0.00
7) Phenol-d5	6.845	99	47998	8.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	117449	33.571	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.192	132	130019	30.784	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	93390	19.660	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	75796	36.744	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	90346	37.830	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	185224	36.491	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.551	131	182371	30.407	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	651281	38.360	ng/ul	-0.01
49) Acenaphthylene-d8	13.957	160	664798	36.866	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	25298	8.882	ng/ul	0.01
60) Fluorene-d10	15.280	176	580590	39.426	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	140809	37.913	ng/ul	0.00
73) Anthracene-d10	17.168	188	1037291	39.047	ng/ul	0.00
81) Pyrene-d10	19.545	212	1374187	37.607	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.544	264	1754248	40.807	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	10768	5.504	ng/uL	95
5) Pyridine	3.622	79	53858	10.515	ng/ul	94
6) Benzaldehyde	6.810	77	88043	27.371	ng/ul	95
8) Phenol	6.875	94	53949	8.711	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.087	93	158071	34.105	ng/ul	98
12) 2-Chlorophenol	7.222	128	135864	31.107	ng/ul	99
13) 2-Methylphenol	8.092	108	110000	24.475	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	178247	33.091	ng/ul	98
16) Acetophenone	8.457	105	274782	35.038	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.445	70	140070	35.253	ng/ul	99
18) 4-Methylphenol	8.416	108	102780	20.614	ng/ul	97
19) Hexachloroethane	8.704	117	60592	29.788	ng/ul	96
22) Nitrobenzene	8.834	77	220686	35.841	ng/ul	99
23) Isophorone	9.357	82	386442	35.004	ng/ul	99
25) 2-Nitrophenol	9.539	139	96440	37.469	ng/ul	95
26) 2,4-Dimethylphenol	9.598	107	165952	29.664	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.828	93	219078	34.949	ng/ul	97
29) 2,4-Dichlorophenol	10.063	162	184100	36.831	ng/ul	98
30) Naphthalene	10.457	128	501269	35.080	ng/ul	98
32) 4-Chloroaniline	10.575	127	116099	19.610	ng/ul	99
33) Hexachlorobutadiene	10.733	225	148984	35.364	ng/ul	98
34) Caprolactam	11.363	113	7770m	4.822	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	189681	34.780	ng/ul	99
36) 2-Methylnaphthalene	12.063	142	386977	36.893	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.286	142	384449	35.910	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.439	216	293683	37.169	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	101804	21.148	ng/ul	98
41) 2,4,6-Trichlorophenol	12.680	196	188784	37.984	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	209863	39.656	ng/ul	99
43) 1,1'-Biphenyl	13.086	154	562081	36.493	ng/ul	99
44) 2-Chloronaphthalene	13.127	162	468598	37.165	ng/ul	98
45) 2-Nitroaniline	13.345	65	146494	38.910	ng/ul	95
47) Dimethylphthalate	13.716	163	641212	37.902	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	132619	41.444	ng/ul	98
50) Acenaphthylene	13.986	152	695617	37.169	ng/ul	100
51) 3-Nitroaniline	14.186	138	114264	38.019	ng/ul	97
52) Acenaphthene	14.333	153	504157	38.096	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	92236	39.176	ng/ul	93
55) 4-Nitrophenol	14.533	109	31497	9.964	ng/ul	86
56) Dibenzofuran	14.674	168	765223	38.494	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	211230	42.480	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	207170	41.941	ng/ul	98
59) Diethylphthalate	15.098	149	654945	40.352	ng/ul	98
61) Fluorene	15.333	166	635357	39.226	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.333	204	370625	40.013	ng/ul	99
63) 4-Nitroaniline	15.369	138	137604	45.500	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.421	198	153455	38.359	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	558697	36.945	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	271031	39.799	ng/ul	98
69) Hexachlorobenzene	16.363	284	331955	39.601	ng/ul	98
70) Atrazine	16.533	200	239113	38.039	ng/ul	96
71) Pentachlorophenol	16.710	266	206829	38.374	ng/ul	98
72) Phenanthrene	17.104	178	1169290	38.702	ng/ul	99
74) Anthracene	17.210	178	1145928	38.007	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	293159	34.094	ng/uL	98
76) Pentachlorobenzene	14.598	250	337982	35.557	ng/uL	98
77) Carbazole	17.486	167	1051213	39.403	ng/ul	98
78) Di-n-butylphthalate	18.068	149	1190907	40.344	ng/ul	99
80) Fluoranthene	19.204	202	1601033	38.113	ng/ul	97
82) Pyrene	19.580	202	1699397	37.744	ng/ul	97
83) Butylbenzylphthalate	20.533	149	617897	39.417	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.409	252	583240	35.409	ng/ul	98
85) Benzo(a)anthracene	21.486	228	1890986	39.037	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.415	149	860089	38.225	ng/ul	98
87) Chrysene	21.556	228	1762313	39.236	ng/ul	100
89) Di-n-octyl phthalate	22.656	149	1535350	40.099	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	2057328	40.603	ng/ul	99
91) Benzo(k)fluoranthene	23.803	252	2037282	41.068	ng/ul	99
93) Benzo(a)pyrene	24.609	252	1893399	40.602	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.462	276	2493160m	40.064	ng/ul	
95) Dibenzo(a,h)anthracene	28.533	278	2000910	39.707	ng/ul#	98
96) Benzo(g,h,i)perylene	29.603	276	1903914m	39.334	ng/ul	

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

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