Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022048.D
Acq On : 26 Sep 2024 05:00
Operator : RC/JU
Sample : P4130-07MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0HI0MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 05:51:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	101260	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	381426	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	308466	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	798222	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	940053	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	1075083	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	13397	5.182	ng/uL	0.00
4) Pyridine-d5	3.640	84	84362	11.416	ng/ul	0.00
7) Phenol-d5	6.887	99	73900	8.922	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	137599	26.978	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	159844	26.672	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	127370	19.406	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	84462	29.586	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	99064	30.604	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	211509	30.088	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	223531	26.651	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	824354	34.572	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	768101	30.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	45491	11.153	ng/ul	0.00
60) Fluorene-d10	15.316	176	723296	34.292	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	182138	36.753	ng/ul	0.00
73) Anthracene-d10	17.222	188	1374169	36.876	ng/ul	0.00
81) Pyrene-d10	19.586	212	1845136	37.886	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	2155550	38.121	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	14801	5.285	ng/uL	97
5) Pyridine	3.658	79	93103	12.401	ng/ul	99
6) Benzaldehyde	6.863	77	158482	33.822	ng/ul	99
8) Phenol	6.916	94	83629	9.675	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	179822	27.179	ng/ul	98
12) 2-Chlorophenol	7.275	128	165787	26.685	ng/ul	97
13) 2-Methylphenol	8.146	108	140412	22.397	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	156781	25.545	ng/ul	95
16) Acetophenone	8.516	105	308798	28.284	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	164615	29.084	ng/ul	97
18) 4-Methylphenol	8.469	108	136151	19.915	ng/ul	99
19) Hexachloroethane	8.769	117	69739	23.779	ng/ul	97
22) Nitrobenzene	8.887	77	254545	29.163	ng/ul	99
23) Isophorone	9.410	82	456700	30.208	ng/ul	98
25) 2-Nitrophenol	9.587	139	107785	31.121	ng/ul	96
26) 2,4-Dimethylphenol	9.651	107	187200	23.860	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	247991	28.456	ng/ul	100
29) 2,4-Dichlorophenol	10.122	162	213717	30.601	ng/ul	99
30) Naphthalene	10.516	128	578558	28.827	ng/ul	100
32) 4-Chloroaniline	10.622	127	216483	26.061	ng/ul	100
33) Hexachlorobutadiene	10.804	225	172881	27.881	ng/ul	97
34) Caprolactam	11.434	113	17171m	8.105	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	241450	31.956	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	453035	30.375	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	450757	29.966	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	344579	30.130	ng/ul#	97
40) Hexachlorocyclopentadiene	12.475	237	165850	23.055	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	225719	33.015	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	253941	34.300	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	659895	29.916	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	540048	30.407	ng/ul	99
45) 2-Nitroaniline	13.387	65	185986	36.216	ng/ul	99
47) Dimethylphthalate	13.775	163	817545	34.136	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	171409	37.333	ng/ul	97
50) Acenaphthylene	14.039	152	835201	31.724	ng/ul	99
51) 3-Nitroaniline	14.216	138	154135	36.874	ng/ul	97
52) Acenaphthene	14.381	153	612421	32.015	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	116864	37.408	ng/ul	96
55) 4-Nitrophenol	14.539	109	54869	11.891	ng/ul	93
56) Dibenzofuran	14.716	168	942517	33.141	ng/ul	98
57) 2,4-Dinitrotoluene	14.686	165	268500	37.948	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.939	232	268976	37.743	ng/ul	99
59) Diethylphthalate	15.157	149	885334	37.352	ng/ul	98
61) Fluorene	15.386	166	814468	34.437	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	475093	34.891	ng/ul	98
63) 4-Nitroaniline	15.398	138	180642	42.460	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	195316	36.201	ng/ul	97
67) N-Nitrosodiphenylamine	15.586	169	744522	35.413	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	352608	36.785	ng/ul	99
69) Hexachlorobenzene	16.404	284	430004	36.944	ng/ul	97
70) Atrazine	16.563	200	307174	32.753	ng/ul	98
71) Pentachlorophenol	16.763	266	289350	37.260	ng/ul	100
72) Phenanthrene	17.163	178	1531813	36.601	ng/ul	99
74) Anthracene	17.251	178	1526399	35.839	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	343317	28.662	ng/uL	99
76) Pentachlorobenzene	14.634	250	416761	31.639	ng/uL	99
77) Carbazole	17.533	167	1409014	37.537	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1708524	39.479	ng/ul	99
80) Fluoranthene	19.239	202	2087008	37.492	ng/ul	100
82) Pyrene	19.616	202	2252968	37.601	ng/ul	97
83) Butylbenzylphthalate	20.569	149	816478	39.100	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.433	252	606094	28.159	ng/ul	99
85) Benzo(a)anthracene	21.516	228	2385810	36.827	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1181698	38.570	ng/ul	99
87) Chrysene	21.586	228	2239111	36.827	ng/ul	99
89) Di-n-octyl phthalate	22.698	149	1962376	36.950	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	2533831	37.967	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	2497491	37.547	ng/ul	99
93) Benzo(a)pyrene	24.662	252	2317513	37.686	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.533	276	2655582	33.120	ng/ul	98
95) Dibenzo(a,h)anthracene	28.621	278	2375801	36.781	ng/ul#	97
96) Benzo(g,h,i)perylene	29.686	276	2296833	36.917	ng/ul	98

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

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