Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022671.D
Acq On : 27 Oct 2024 10:55
Operator : RC/JU
Sample : PB164421BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS421

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

Quant Time: Oct 28 01:55:08 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	7.652	152	94525	20.000	ng/ul	0.00
20) Naphthalene-d8	10.405	136	358156	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.269	164	288012	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	634401	20.000	ng/ul	-0.01
79) Chrysene-d12	21.504	240	745044	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	871830	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	13087	5.380	ng/uL	-0.01
4) Pyridine-d5	3.599	84	196161	29.376	ng/ul	-0.01
7) Phenol-d5	6.840	99	245547	30.860	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.993	67	131651	28.151	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	186691	33.066	ng/ul	-0.01
15) 4-Methylphenol-d8	8.358	113	197083	31.037	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	87708	31.849	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	106682	33.461	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	236055	34.836	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.552	131	230623	28.803	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	693236	30.295	ng/ul	-0.01
49) Acenaphthylene-d8	13.951	160	750458	30.877	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	116508	30.349	ng/ul	0.00
60) Fluorene-d10	15.281	176	624154	31.446	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	143548	34.405	ng/ul	0.00
73) Anthracene-d10	17.169	188	944983	31.664	ng/ul	0.00
81) Pyrene-d10	19.551	212	1228043	31.169	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1508969	32.409	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	27391	10.473	ng/uL	94
5) Pyridine	3.617	79	194782	28.448	ng/ul	99
6) Benzaldehyde	6.811	77	20369	4.737	ng/ul	90
8) Phenol	6.869	94	253648	30.640	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.081	93	177066	28.579	ng/ul	98
12) 2-Chlorophenol	7.222	128	190785	32.678	ng/ul	94
13) 2-Methylphenol	8.093	108	183945	30.618	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.158	45	193744	26.907	ng/ul	97
16) Acetophenone	8.463	105	301163	28.728	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.446	70	149139	28.080	ng/ul	97
18) 4-Methylphenol	8.416	108	201380	30.215	ng/ul	98
19) Hexachloroethane	8.705	117	81958	30.142	ng/ul	95
22) Nitrobenzene	8.834	77	235604	28.662	ng/ul	96
23) Isophorone	9.352	82	417881	28.353	ng/ul	99
25) 2-Nitrophenol	9.534	139	111235	32.373	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	224446	30.052	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	238049	28.446	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	229982	34.464	ng/ul	97
30) Naphthalene	10.452	128	588017	30.824	ng/ul	98
32) 4-Chloroaniline	10.569	127	134840	17.060	ng/ul	99
33) Hexachlorobutadiene	10.728	225	189319	33.661	ng/ul	98
34) Caprolactam	11.352	113	61700m	28.680	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	228293	31.356	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	440382	31.449	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	430764	30.139	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	348330	32.709	ng/ul	94
40) Hexachlorocyclopentadiene	12.410	237	137183	21.143	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	220771	32.957	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	232578	32.607	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	631690	30.429	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	527661	31.049	ng/ul	99
45) 2-Nitroaniline	13.346	65	148900	29.343	ng/ul	91
47) Dimethylphthalate	13.716	163	675669	29.632	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	141630	32.838	ng/ul	92
50) Acenaphthylene	13.981	152	759027	30.091	ng/ul	99
51) 3-Nitroaniline	14.187	138	125584	31.002	ng/ul	93
52) Acenaphthene	14.334	153	537725	30.147	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	89333	28.152	ng/ul	96
55) 4-Nitrophenol	14.522	109	130202	30.559	ng/ul	93
56) Dibenzofuran	14.675	168	830346	30.991	ng/ul	96
57) 2,4-Dinitrotoluene	14.645	165	215343	32.131	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	228779	34.364	ng/ul	98
59) Diethylphthalate	15.098	149	653101	29.855	ng/ul	99
61) Fluorene	15.334	166	682928	31.282	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	401347	32.148	ng/ul	95
63) 4-Nitroaniline	15.363	138	144321m	35.406	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	155355	34.568	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	584646	34.414	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	237494	31.043	ng/ul	99
69) Hexachlorobenzene	16.363	284	296560	31.493	ng/ul	98
70) Atrazine	16.539	200	222005	31.438	ng/ul	94
71) Pentachlorophenol	16.722	266	197248	32.577	ng/ul	95
72) Phenanthrene	17.104	178	1037975	30.582	ng/ul	99
74) Anthracene	17.204	178	1025891	30.288	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	341273	35.330	ng/uL	99
76) Pentachlorobenzene	14.593	250	377942	35.393	ng/uL	99
77) Carbazole	17.486	167	938231	31.305	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1009011	30.427	ng/ul	100
80) Fluoranthene	19.204	202	1444183	31.885	ng/ul	99
82) Pyrene	19.580	202	1505785	31.017	ng/ul	97
83) Butylbenzylphthalate	20.533	149	513726	30.394	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.410	252	577095	32.494	ng/ul	98
85) Benzo(a)anthracene	21.480	228	1609994	30.825	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	707456	29.160	ng/ul	98
87) Chrysene	21.557	228	1493763	30.844	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1248945	30.117	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1744421	31.787	ng/ul#	98
91) Benzo(k)fluoranthene	23.798	252	1743492	32.450	ng/ul	99
93) Benzo(a)pyrene	24.604	252	1563406	30.954	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.456	276	2097474	31.120	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.521	278	1663647m	30.482	ng/ul	
96) Benzo(g,h,i)perylene	29.598	276	1614230m	30.791	ng/ul	

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

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