Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022795.D
Acq On : 01 Nov 2024 08:37
Operator : RC/JU
Sample : PB164516BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS516

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 12:34:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	96075	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	369305	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	294441	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.069	188	754526	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	838639	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	986672	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	12243	4.952	ng/uL	0.00
4) Pyridine-d5	3.581	84	178230	26.260	ng/ul	-0.01
7) Phenol-d5	6.822	99	233835	28.914	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	126905	26.698	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	177035	30.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	187579	29.064	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	84931	29.910	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.487	143	103797	31.573	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.022	165	218160	31.223	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.528	131	212607	25.751	ng/ul	-0.01
46) Dimethylphthalate-d6	13.657	166	673462	28.788	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	734111	29.545	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.487	143	109737	27.961	ng/ul	-0.02
60) Fluorene-d10	15.263	176	600863	29.612	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	129688	26.134	ng/ul	0.00
73) Anthracene-d10	17.163	188	1056767	29.773	ng/ul	0.00
81) Pyrene-d10	19.551	212	1396212	31.482	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1649503	31.304	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	25414	9.560	ng/uL	99
5) Pyridine	3.605	79	183408	26.355	ng/ul	99
6) Benzaldehyde	6.793	77	28050	6.418	ng/ul	99
8) Phenol	6.852	94	242985	28.878	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.063	93	169101	26.854	ng/ul	97
12) 2-Chlorophenol	7.205	128	180018	30.336	ng/ul	97
13) 2-Methylphenol	8.075	108	175167	28.686	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	190358	26.010	ng/ul	98
16) Acetophenone	8.446	105	284969	26.745	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.428	70	146138	27.071	ng/ul	98
18) 4-Methylphenol	8.399	108	192393	28.401	ng/ul	98
19) Hexachloroethane	8.687	117	76877	27.818	ng/ul	99
22) Nitrobenzene	8.816	77	235895	27.831	ng/ul	98
23) Isophorone	9.340	82	410960	27.042	ng/ul	98
25) 2-Nitrophenol	9.516	139	107475	30.334	ng/ul	94
26) 2,4-Dimethylphenol	9.581	107	208282	27.046	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.805	93	230128	26.669	ng/ul	98
29) 2,4-Dichlorophenol	10.052	162	215333	31.295	ng/ul	99
30) Naphthalene	10.434	128	565315	28.740	ng/ul	98
32) 4-Chloroaniline	10.557	127	136003	16.688	ng/ul	97
33) Hexachlorobutadiene	10.710	225	171312	29.540	ng/ul	99
34) Caprolactam	11.346	113	61162m	27.572	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	227630	30.321	ng/ul	99
36) 2-Methylnaphthalene	12.051	142	424634	29.409	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	422334	28.657	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.422	216	322199	29.594	ng/ul	96
40) Hexachlorocyclopentadiene	12.393	237	91675	13.821	ng/ul	99
41) 2,4,6-Trichlorophenol	12.669	196	206623	30.172	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	223729	30.682	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	605590	28.534	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	509515	29.327	ng/ul	99
45) 2-Nitroaniline	13.328	65	150911	29.090	ng/ul	97
47) Dimethylphthalate	13.704	163	657884	28.222	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	136796	31.025	ng/ul	96
50) Acenaphthylene	13.969	152	737387	28.595	ng/ul	99
51) 3-Nitroaniline	14.169	138	120662	29.137	ng/ul	96
52) Acenaphthene	14.316	153	526614	28.879	ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	77006	23.737	ng/ul	95
55) 4-Nitrophenol	14.504	109	128849	29.581	ng/ul	95
56) Dibenzofuran	14.657	168	805407	29.404	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	216996	31.671	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.898	232	216289	31.778	ng/ul	94
59) Diethylphthalate	15.087	149	645483	28.862	ng/ul	100
61) Fluorene	15.322	166	652393	29.231	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	373124	29.235	ng/ul	96
63) 4-Nitroaniline	15.363	138	138234m	33.172	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	139252	26.052	ng/ul#	96
67) N-Nitrosodiphenylamine	15.528	169	562216	27.825	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	270980	29.781	ng/ul	97
69) Hexachlorobenzene	16.357	284	342653	30.594	ng/ul	97
70) Atrazine	16.516	200	248192	29.550	ng/ul	94
71) Pentachlorophenol	16.722	266	221346	30.737	ng/ul	96
72) Phenanthrene	17.110	178	1169216	28.964	ng/ul	99
74) Anthracene	17.192	178	1150846	28.568	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	319814	27.838	ng/uL	98
76) Pentachlorobenzene	14.581	250	355429	27.986	ng/uL	98
77) Carbazole	17.486	167	1027316	28.820	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1145821	29.051	ng/ul	100
80) Fluoranthene	19.204	202	1548239	30.367	ng/ul	98
82) Pyrene	19.580	202	1661670	30.408	ng/ul	98
83) Butylbenzylphthalate	20.527	149	566519	29.777	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	587977	29.412	ng/ul	99
85) Benzo(a)anthracene	21.480	228	1740095	29.598	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	799282	29.268	ng/ul	99
87) Chrysene	21.545	228	1611111	29.554	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1363810	29.059	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1923709	30.974	ng/ul#	98
91) Benzo(k)fluoranthene	23.804	252	1854700m	30.502	ng/ul	
93) Benzo(a)pyrene	24.604	252	1685195	29.482	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	2212081	29.000	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.521	278	1788852	28.961	ng/ul#	98
96) Benzo(g,h,i)perylene	29.603	276	1719328m	28.979	ng/ul	

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

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