Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022655.D
Acq On : 26 Oct 2024 23:26
Operator : RC/JU
Sample : PB164388BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS388

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

Quant Time: Oct 28 00:37:26 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	7.640	152	88775	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.398	136	336361	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.251	164	259655	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	639579	20.000	ng/ul	-0.03
79) Chrysene-d12	21.480	240	772893	20.000	ng/ul	-0.02
88) Perylene-d12	24.727	264	906633	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	9914	4.340	ng/uL	-0.02
4) Pyridine-d5	3.593	84	150452	23.990	ng/ul	-0.02
7) Phenol-d5	6.840	99	188164	25.180	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	100701	22.928	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.187	132	141979	26.776	ng/ul	-0.02
15) 4-Methylphenol-d8	8.346	113	150248	25.194	ng/ul	-0.02
21) Nitrobenzene-d5	8.781	128	67657	26.160	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.499	143	80457	26.871	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	170994	26.869	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.540	131	175090	23.284	ng/ul	-0.02
46) Dimethylphthalate-d6	13.663	166	499525	24.213	ng/ul	-0.02
49) Acenaphthylene-d8	13.945	160	551069	25.150	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.486	143	85303	24.647	ng/ul	-0.02
60) Fluorene-d10	15.263	176	449208	25.104	ng/ul	-0.03
65) 4,6-Dinitro-2-methylph...	15.398	200	100663	23.931	ng/ul	-0.02
73) Anthracene-d10	17.151	188	776731	25.816	ng/ul	-0.02
81) Pyrene-d10	19.533	212	1037177	25.376	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.509	264	1291288	26.669	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	20506	8.348	ng/uL	97
5) Pyridine	3.611	79	155547	24.189	ng/ul	97
6) Benzaldehyde	6.805	77	18150	4.494	ng/ul	92
8) Phenol	6.863	94	198930	25.587	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	140533	24.152	ng/ul	98
12) 2-Chlorophenol	7.222	128	144844	26.416	ng/ul	96
13) 2-Methylphenol	8.087	108	141615	25.099	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.152	45	157751	23.327	ng/ul	96
16) Acetophenone	8.457	105	232933	23.659	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.440	70	118093	23.675	ng/ul	97
18) 4-Methylphenol	8.410	108	154937	24.753	ng/ul	95
19) Hexachloroethane	8.699	117	63639	24.921	ng/ul	98
22) Nitrobenzene	8.822	77	187804	24.327	ng/ul	98
23) Isophorone	9.351	82	325312	23.503	ng/ul	97
25) 2-Nitrophenol	9.528	139	84244	26.106	ng/ul	97
26) 2,4-Dimethylphenol	9.593	107	175310	24.994	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.816	93	187534	23.862	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	170351	27.182	ng/ul	99
30) Naphthalene	10.446	128	448229	25.019	ng/ul	97
32) 4-Chloroaniline	10.563	127	108766	14.653	ng/ul	97
33) Hexachlorobutadiene	10.728	225	137838	26.096	ng/ul	98
34) Caprolactam	11.345	113	46977m	23.251	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	180610	26.414	ng/ul	98
36) 2-Methylnaphthalene	12.057	142	334517	25.437	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	325992	24.286	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	245364	25.556	ng/ul	95
40) Hexachlorocyclopentadiene	12.404	237	89336	15.272	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	159263	26.372	ng/ul	97
42) 2,4,5-Trichlorophenol	12.757	196	171597	26.685	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	480253	25.660	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	388494	25.357	ng/ul	96
45) 2-Nitroaniline	13.334	65	117142	25.606	ng/ul	92
47) Dimethylphthalate	13.710	163	498195	24.235	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	102092	26.256	ng/ul	98
50) Acenaphthylene	13.975	152	565364	24.861	ng/ul	100
51) 3-Nitroaniline	14.169	138	93879	25.706	ng/ul	99
52) Acenaphthene	14.316	153	408500	25.403	ng/ul	100
53) 2,4-Dinitrophenol	14.392	184	61714	21.572	ng/ul	94
55) 4-Nitrophenol	14.504	109	98321	25.596	ng/ul	94
56) Dibenzofuran	14.657	168	619944	25.665	ng/ul	99
57) 2,4-Dinitrotoluene	14.645	165	160338	26.537	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.898	232	161068	26.835	ng/ul#	98
59) Diethylphthalate	15.086	149	483440	24.512	ng/ul	99
61) Fluorene	15.316	166	496549	25.229	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	281854	25.042	ng/ul	99
63) 4-Nitroaniline	15.345	138	109660	29.841	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.416	198	110436	24.374	ng/ul	99
67) N-Nitrosodiphenylamine	15.534	169	426981	24.930	ng/ul	100
68) 4-Bromophenyl-phenylether	16.228	248	198222	25.700	ng/ul	96
69) Hexachlorobenzene	16.345	284	254330	26.789	ng/ul	98
70) Atrazine	16.510	200	188076	26.417	ng/ul	95
71) Pentachlorophenol	16.698	266	160880	26.355	ng/ul	99
72) Phenanthrene	17.092	178	874512	25.557	ng/ul	98
74) Anthracene	17.186	178	870983	25.506	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	247013	25.365	ng/uL	99
76) Pentachlorobenzene	14.581	250	265400	24.653	ng/uL	99
77) Carbazole	17.469	167	791977	26.211	ng/ul	98
78) Di-n-butylphthalate	18.057	149	844977	25.274	ng/ul	99
80) Fluoranthene	19.186	202	1207427	25.697	ng/ul	98
82) Pyrene	19.563	202	1320682	26.224	ng/ul	98
83) Butylbenzylphthalate	20.516	149	431147	24.590	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	488013	26.488	ng/ul	98
85) Benzo(a)anthracene	21.463	228	1371721	25.317	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	600121	23.845	ng/ul	99
87) Chrysene	21.533	228	1275700	25.392	ng/ul	99
89) Di-n-octyl phthalate	22.639	149	1047451	24.289	ng/ul	100
90) Benzo(b)fluoranthene	23.704	252	1541059	27.003	ng/ul	98
91) Benzo(k)fluoranthene	23.774	252	1421670m	25.444	ng/ul	
93) Benzo(a)pyrene	24.574	252	1333935	25.397	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.427	276	1796579	25.632	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.486	278	1425159	25.110	ng/ul#	97
96) Benzo(g,h,i)perylene	29.568	276	1355099	24.856	ng/ul	99

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

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