Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022054.D
Acq On : 26 Sep 2024 09:04
Operator : RC/JU
Sample : PB163505BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS505

Quant Time: Sep 26 10:56:47 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	7.705	152	102211	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	396070	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	304000	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	765120	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	859080	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	972254	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	15874	6.083	ng/uL	0.00
4) Pyridine-d5	3.628	84	215952	28.952	ng/ul	0.00
7) Phenol-d5	6.887	99	277033	33.134	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	167557	32.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	205221	33.925	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	222051	33.516	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	102551	34.594	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	119650	35.597	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	257915	35.333	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	280834	32.245	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	832516	35.427	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	895450	35.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	138871	34.548	ng/ul	0.00
60) Fluorene-d10	15.328	176	717161	34.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	154136	32.448	ng/ul	0.00
73) Anthracene-d10	17.216	188	1222909	34.237	ng/ul	0.00
81) Pyrene-d10	19.592	212	1574807	35.383	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	1785149	34.909	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	33044	11.690	ng/uL	94
5) Pyridine	3.652	79	214296	28.279	ng/ul	96
6) Benzaldehyde	6.858	77	179017	37.850	ng/ul	98
8) Phenol	6.916	94	288455	33.059	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.134	93	216703	32.449	ng/ul	100
12) 2-Chlorophenol	7.275	128	210989	33.644	ng/ul	99
13) 2-Methylphenol	8.146	108	205002	32.395	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.216	45	196259	31.679	ng/ul	98
16) Acetophenone	8.510	105	357258	32.418	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	188414	32.979	ng/ul	99
18) 4-Methylphenol	8.469	108	227503	32.967	ng/ul	99
19) Hexachloroethane	8.769	117	94926	32.066	ng/ul	93
22) Nitrobenzene	8.881	77	296159	32.676	ng/ul	99
23) Isophorone	9.410	82	527026	33.571	ng/ul	98
25) 2-Nitrophenol	9.587	139	126123	35.069	ng/ul	98
26) 2,4-Dimethylphenol	9.657	107	234760	28.815	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.881	93	298570	32.993	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	249538	34.409	ng/ul	98
30) Naphthalene	10.516	128	679947	32.627	ng/ul	99
32) 4-Chloroaniline	10.622	127	259365	30.068	ng/ul	99
33) Hexachlorobutadiene	10.804	225	206025	31.998	ng/ul	98
34) Caprolactam	11.399	113	82357	37.437	ng/ul	93
35) 4-Chloro-3-methylphenol	11.751	107	268823	34.264	ng/ul	98
36) 2-Methylnaphthalene	12.122	142	513843	33.178	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	512141	32.788	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	381937	33.887	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	210314	29.665	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	242503	35.991	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	265962	36.451	ng/ul	95
43) 1,1'-Biphenyl	13.140	154	733225	33.728	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	598961	34.220	ng/ul	99
45) 2-Nitroaniline	13.387	65	186749	36.898	ng/ul	95
47) Dimethylphthalate	13.763	163	816862	34.609	ng/ul	98
48) 2,6-Dinitrotoluene	13.887	165	164519	36.359	ng/ul	97
50) Acenaphthylene	14.034	152	890460	34.320	ng/ul	99
51) 3-Nitroaniline	14.216	138	149043	36.179	ng/ul	100
52) Acenaphthene	14.387	153	632966	33.575	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	92111	29.918	ng/ul	98
55) 4-Nitrophenol	14.545	109	155574	34.210	ng/ul	94
56) Dibenzofuran	14.728	168	953085	34.005	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	253599	36.369	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.957	232	249481	35.521	ng/ul	97
59) Diethylphthalate	15.151	149	819682	35.090	ng/ul	99
61) Fluorene	15.381	166	792793	34.013	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	460328	34.303	ng/ul	99
63) 4-Nitroaniline	15.404	138	164977	39.348	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	167261	32.342	ng/ul#	95
67) N-Nitrosodiphenylamine	15.598	169	686495	34.066	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	323150	35.170	ng/ul	97
69) Hexachlorobenzene	16.410	284	389784	34.938	ng/ul	99
70) Atrazine	16.581	200	273262	30.397	ng/ul	99
71) Pentachlorophenol	16.763	266	248717	33.413	ng/ul	100
72) Phenanthrene	17.157	178	1359799	33.896	ng/ul	99
74) Anthracene	17.251	178	1363853	33.408	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	380384	33.130	ng/uL	97
76) Pentachlorobenzene	14.645	250	417791	33.089	ng/uL	99
77) Carbazole	17.534	167	1219536	33.894	ng/ul	100
78) Di-n-butylphthalate	18.122	149	1449616	34.946	ng/ul	99
80) Fluoranthene	19.245	202	1800512	35.394	ng/ul	99
82) Pyrene	19.622	202	1918924	35.045	ng/ul	96
83) Butylbenzylphthalate	20.575	149	697037	36.526	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	639470	32.510	ng/ul	99
85) Benzo(a)anthracene	21.522	228	2004771	33.862	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1040465	37.161	ng/ul	99
87) Chrysene	21.592	228	1887795	33.975	ng/ul	100
89) Di-n-octyl phthalate	22.721	149	1719318	35.797	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	2114476	35.034	ng/ul	99
91) Benzo(k)fluoranthene	23.863	252	2042186	33.949	ng/ul	99
93) Benzo(a)pyrene	24.680	252	1891189	34.006	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	2373699	32.735	ng/ul	99
95) Dibenzo(a,h)anthracene	28.651	278	1902608	32.571	ng/ul#	97
96) Benzo(g,h,i)perylene	29.709	276	1840477	32.711	ng/ul	99

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

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
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