Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022085.D
Acq On : 28 Sep 2024 00:22
Operator : RC/JU
Sample : P3910-22MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDC66MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 01:43:25 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	7.699	152	97344	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	362422	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	277214	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.092	188	657292	20.000	ng/ul	-0.02
79) Chrysene-d12	21.539	240	737622	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	885703	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	9968	4.011	ng/uL	0.00
4) Pyridine-d5	3.634	84	113211	15.937	ng/ul	0.00
7) Phenol-d5	6.881	99	183180	23.004	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	105535	21.524	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	140050	24.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	147050	23.305	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	66716	24.595	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.552	143	80702	26.239	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	175933	26.340	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	189396	23.765	ng/ul	-0.01
46) Dimethylphthalate-d6	13.716	166	548666	25.604	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	584290	25.753	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	73278	19.992	ng/ul	0.00
60) Fluorene-d10	15.316	176	485152	25.595	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	93838	22.995	ng/ul	0.00
73) Anthracene-d10	17.210	188	803271	26.178	ng/ul	0.00
81) Pyrene-d10	19.580	212	1032125	27.009	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.598	264	1282846	27.538	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	29254	10.867	ng/uL	95
5) Pyridine	3.652	79	204635	28.354	ng/ul	97
6) Benzaldehyde	6.852	77	163322	36.258	ng/ul	98
8) Phenol	6.910	94	267632	32.206	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.128	93	197055	30.982	ng/ul	99
12) 2-Chlorophenol	7.275	128	196232	32.855	ng/ul	97
13) 2-Methylphenol	8.140	108	190922	31.679	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.210	45	177890	30.150	ng/ul	99
16) Acetophenone	8.510	105	331064	31.543	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	172177	31.644	ng/ul	97
18) 4-Methylphenol	8.463	108	211872	32.237	ng/ul	100
19) Hexachloroethane	8.763	117	88171	31.273	ng/ul	98
22) Nitrobenzene	8.881	77	262497	31.651	ng/ul	99
23) Isophorone	9.405	82	468429	32.608	ng/ul	97
25) 2-Nitrophenol	9.587	139	116998	35.552	ng/ul	99
26) 2,4-Dimethylphenol	9.646	107	202410	27.151	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	266943	32.237	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	230238	34.695	ng/ul	99
30) Naphthalene	10.510	128	622744	32.656	ng/ul	99
32) 4-Chloroaniline	10.616	127	238520	30.219	ng/ul	98
33) Hexachlorobutadiene	10.793	225	193514	32.845	ng/ul	98
34) Caprolactam	11.393	113	71809	35.673	ng/ul	90
35) 4-Chloro-3-methylphenol	11.746	107	242609	33.793	ng/ul	98
36) 2-Methylnaphthalene	12.116	142	470987	33.234	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	470195	32.898	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	348069	33.866	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	199673	30.885	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	219121	35.663	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	232972	35.015	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	666888	33.641	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	544820	34.134	ng/ul	98
45) 2-Nitroaniline	13.381	65	155455	33.683	ng/ul	89
47) Dimethylphthalate	13.763	163	713932	33.170	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	144457	35.010	ng/ul	96
50) Acenaphthylene	14.028	152	805432	34.042	ng/ul	99
51) 3-Nitroaniline	14.210	138	130056	34.621	ng/ul	97
52) Acenaphthene	14.375	153	580648	33.776	ng/ul	97
53) 2,4-Dinitrophenol	14.422	184	83239	29.649	ng/ul	90
55) 4-Nitrophenol	14.540	109	133625	32.223	ng/ul	94
56) Dibenzofuran	14.716	168	852591	33.359	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	222792	35.038	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.945	232	228589	35.692	ng/ul	99
59) Diethylphthalate	15.151	149	714184	33.528	ng/ul	99
61) Fluorene	15.369	166	709481	33.380	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.363	204	409446	33.460	ng/ul	98
63) 4-Nitroaniline	15.387	138	136882	35.802	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	155140	34.920	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	611105	35.300	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	285859	36.215	ng/ul	99
69) Hexachlorobenzene	16.392	284	356595	37.206	ng/ul	94
70) Atrazine	16.569	200	256642	33.232	ng/ul	99
71) Pentachlorophenol	16.745	266	251114	39.270	ng/ul	98
72) Phenanthrene	17.139	178	1192831	34.612	ng/ul	99
74) Anthracene	17.245	178	1166120	33.251	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	344068	34.883	ng/uL	99
76) Pentachlorobenzene	14.634	250	376452	34.706	ng/uL	99
77) Carbazole	17.522	167	1035492	33.501	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1226945	34.430	ng/ul	99
80) Fluoranthene	19.233	202	1541403	35.290	ng/ul	99
82) Pyrene	19.616	202	1622992	34.521	ng/ul	97
83) Butylbenzylphthalate	20.569	149	583518	35.613	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.445	252	586624	34.734	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1753698	34.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	863238	35.908	ng/ul	99
87) Chrysene	21.586	228	1624607	34.053	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	1483455	33.904	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1933249	35.161	ng/ul	98
91) Benzo(k)fluoranthene	23.857	252	1927711	35.178	ng/ul#	99
93) Benzo(a)pyrene	24.668	252	1750205	34.546	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.562	276	2339919m	35.422	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	1893112	35.575	ng/ul#	97
96) Benzo(g,h,i)perylene	29.715	276	1832906m	35.759	ng/ul	

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

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