Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011224\
Data File : BP019329.D
Acq On : 12 Jan 2024 14:41
Operator : MA/JU
Sample : PB158377BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 12 15:09:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS377

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
01/15/2024
Supervised By :mohammad ahmed
01/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	123852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	517635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	359939	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	925412	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	920232	20.000	ng/ul	0.00
88) Perylene-d12	23.639	264	938772	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	21239	6.485	ng/uL	0.00
4) Pyridine-d5	3.634	84	317562	33.529	ng/ul	0.00
7) Phenol-d5	6.969	99	411667	34.777	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	246691	34.841	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	288391	35.466	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	332777	35.435	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	149926	34.427	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	183749	36.314	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	367876	35.986	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	386693	29.946	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	1111270	34.946	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1179816	34.611	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	184578	37.799	ng/ul	0.00
60) Fluorene-d10	15.422	176	953392	36.620	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	239935	35.118	ng/ul	0.00
73) Anthracene-d10	17.281	188	1595519	34.569	ng/ul	0.00
81) Pyrene-d10	19.528	212	2044597	34.074	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	1859363	36.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	43792	12.908	ng/uL	99
5) Pyridine	3.658	79	321279	33.393	ng/ul	95
6) Benzaldehyde	6.928	77	234314	45.404	ng/ul	99
8) Phenol	6.999	94	425543	35.683	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.216	93	333078	34.820	ng/ul	100
12) 2-Chlorophenol	7.346	128	302864	36.035	ng/ul	98
13) 2-Methylphenol	8.240	108	321130	35.901	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	410022	36.022	ng/ul	99
16) Acetophenone	8.616	105	536312	35.852	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.605	70	285991	36.693	ng/ul	99
18) 4-Methylphenol	8.575	108	345172	36.248	ng/ul	96
19) Hexachloroethane	8.852	117	131675	34.685	ng/ul	99
22) Nitrobenzene	8.993	77	434227	35.643	ng/ul	97
23) Isophorone	9.522	82	837319	35.454	ng/ul	99
25) 2-Nitrophenol	9.699	139	188958	35.551	ng/ul	95
26) 2,4-Dimethylphenol	9.769	107	389391	33.978	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.005	93	477498	35.153	ng/ul	98
29) 2,4-Dichlorophenol	10.234	162	352992	35.831	ng/ul	97
30) Naphthalene	10.628	128	1005979	34.489	ng/ul	100
32) 4-Chloroaniline	10.752	127	349123	27.635	ng/ul	99
33) Hexachlorobutadiene	10.905	225	286472	33.703	ng/ul	100
34) Caprolactam	11.557	113	118891m	38.482	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	409552	37.445	ng/ul	96
36) 2-Methylnaphthalene	12.240	142	740988	34.915	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	726959	35.010	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.610	216	546663	35.047	ng/ul	97
40) Hexachlorocyclopentadiene	12.581	237	308177	30.784	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	346923	36.143	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	370301	35.998	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	1004725	33.790	ng/ul	98
44) 2-Chloronaphthalene	13.298	162	810485	33.705	ng/ul	99
45) 2-Nitroaniline	13.522	65	274641	39.819	ng/ul	97
47) Dimethylphthalate	13.893	163	1125373	35.608	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	238113	38.101	ng/ul	99
50) Acenaphthylene	14.146	152	1304493	34.939	ng/ul	99
51) 3-Nitroaniline	14.351	138	203177	37.273	ng/ul	100
52) Acenaphthene	14.487	153	860820	35.189	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	143076	34.916	ng/ul	89
55) 4-Nitrophenol	14.681	109	205239	38.921	ng/ul	97
56) Dibenzofuran	14.828	168	1267301	36.184	ng/ul	98
57) 2,4-Dinitrotoluene	14.810	165	355000	40.486	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.057	232	350556	38.388	ng/ul	98
59) Diethylphthalate	15.257	149	1129550	38.193	ng/ul	99
61) Fluorene	15.481	166	1067433	37.209	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.475	204	628980	36.741	ng/ul	100
63) 4-Nitroaniline	15.522	138	204190	48.317	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.581	198	246751	34.075	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	916310	33.589	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	425583	33.668	ng/ul	97
69) Hexachlorobenzene	16.481	284	494044	33.914	ng/ul	98
70) Atrazine	16.657	200	364611	30.661	ng/ul	99
71) Pentachlorophenol	16.839	266	310455	34.313	ng/ul	97
72) Phenanthrene	17.228	178	1810321	34.826	ng/ul	99
74) Anthracene	17.316	178	1833011	34.784	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	522865	30.515	ng/uL	99
76) Pentachlorobenzene	14.745	250	540098	32.449	ng/uL	99
77) Carbazole	17.598	167	1586566	35.389	ng/ul	100
78) Di-n-butylphthalate	18.145	149	1957305	36.481	ng/ul	99
80) Fluoranthene	19.204	202	2394920	33.766	ng/ul	99
82) Pyrene	19.557	202	2430477	33.761	ng/ul	99
83) Butylbenzylphthalate	20.433	149	894565	36.219	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	761775	36.459	ng/ul	99
85) Benzo(a)anthracene	21.269	228	2556882	35.693	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	1308573	36.911	ng/ul	99
87) Chrysene	21.322	228	2334882	35.656	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	2222933	34.693	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2359496	35.170	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	2390619	36.732	ng/ul	99
93) Benzo(a)pyrene	23.539	252	2173257	36.051	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.086	276	2395031	33.594	ng/ul	99
95) Dibenzo(a,h)anthracene	26.104	278	1989170	33.704	ng/ul	99
96) Benzo(g,h,i)perylene	26.839	276	1856449	32.424	ng/ul	100

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

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