Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011524\
Data File : BP019372.D
Acq On : 15 Jan 2024 14:07
Operator : MA/JU
Sample : PB158426BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 15 14:35:59 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 :
SLCS426

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	111327	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	461631	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.422	164	322437	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	829293	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	867322	20.000	ng/ul	0.00
88) Perylene-d12	23.633	264	908861	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	17467	5.933	ng/uL	0.00
4) Pyridine-d5	3.634	84	266457	31.299	ng/ul	0.00
7) Phenol-d5	6.963	99	338897	31.850	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.116	67	204757	32.172	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.310	132	238628	32.648	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	272783	32.315	ng/ul	-0.01
21) Nitrobenzene-d5	8.946	128	126682	32.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	151193	33.505	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	303353	33.275	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	323678	28.107	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	923986	32.436	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	996457	32.632	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	150717	34.455	ng/ul	-0.01
60) Fluorene-d10	15.416	176	810452	34.750	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	202943	33.147	ng/ul	0.00
73) Anthracene-d10	17.280	188	1367780	33.070	ng/ul	0.00
81) Pyrene-d10	19.522	212	1779737	31.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	1721667	34.838	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	36078	11.831	ng/uL	99
5) Pyridine	3.652	79	261993	30.294	ng/ul	91
6) Benzaldehyde	6.922	77	195731	42.194	ng/ul	96
8) Phenol	6.987	94	345907	32.269	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.210	93	271769	31.607	ng/ul	98
12) 2-Chlorophenol	7.340	128	248289	32.866	ng/ul	98
13) 2-Methylphenol	8.234	108	260087	32.348	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.304	45	333528	32.599	ng/ul	100
16) Acetophenone	8.610	105	442272	32.892	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.593	70	235086	33.555	ng/ul	96
18) 4-Methylphenol	8.569	108	282298	32.980	ng/ul	97
19) Hexachloroethane	8.840	117	109846	32.191	ng/ul	99
22) Nitrobenzene	8.987	77	364385	33.539	ng/ul	98
23) Isophorone	9.510	82	682255	32.392	ng/ul	98
25) 2-Nitrophenol	9.693	139	155105	32.722	ng/ul	93
26) 2,4-Dimethylphenol	9.763	107	320442	31.354	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.999	93	385915	31.857	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	290695	33.087	ng/ul	97
30) Naphthalene	10.622	128	827892	31.827	ng/ul	99
32) 4-Chloroaniline	10.746	127	288664	25.622	ng/ul	98
33) Hexachlorobutadiene	10.893	225	245540	32.392	ng/ul	99
34) Caprolactam	11.545	113	95853m	34.789	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	335775	34.424	ng/ul	98
36) 2-Methylnaphthalene	12.234	142	617842	32.644	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	606118	32.732	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	467503	33.458	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	267172	29.792	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	295403	34.355	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	319779	34.703	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	878693	32.989	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	721733	33.505	ng/ul	99
45) 2-Nitroaniline	13.516	65	237419	38.426	ng/ul	99
47) Dimethylphthalate	13.887	163	926911	32.740	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	194906	34.815	ng/ul	97
50) Acenaphthylene	14.139	152	1068974	31.961	ng/ul	99
51) 3-Nitroaniline	14.345	138	164504	33.688	ng/ul	99
52) Acenaphthene	14.487	153	714688	32.613	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	120995	32.961	ng/ul	89
55) 4-Nitrophenol	14.675	109	171536	36.313	ng/ul	97
56) Dibenzofuran	14.822	168	1052051	33.532	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	293466	37.361	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.057	232	293443	35.871	ng/ul	98
59) Diethylphthalate	15.251	149	930843	35.135	ng/ul	100
61) Fluorene	15.475	166	896826	34.898	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	534141	34.830	ng/ul	99
63) 4-Nitroaniline	15.516	138	162856	43.019	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.575	198	207919	32.040	ng/ul	97
67) N-Nitrosodiphenylamine	15.692	169	763861	31.246	ng/ul	98
68) 4-Bromophenyl-phenylether	16.369	248	360502	31.825	ng/ul	99
69) Hexachlorobenzene	16.475	284	424607	32.526	ng/ul	100
70) Atrazine	16.651	200	303128	28.446	ng/ul	98
71) Pentachlorophenol	16.833	266	265861	32.790	ng/ul	98
72) Phenanthrene	17.222	178	1525506	32.748	ng/ul	99
74) Anthracene	17.316	178	1545041	32.718	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	470477	30.640	ng/uL	98
76) Pentachlorobenzene	14.739	250	458222	30.720	ng/uL	98
77) Carbazole	17.592	167	1340072	33.355	ng/ul	100
78) Di-n-butylphthalate	18.145	149	1643940	34.192	ng/ul	99
80) Fluoranthene	19.198	202	2062453	30.852	ng/ul	99
82) Pyrene	19.551	202	2094919	30.875	ng/ul	99
83) Butylbenzylphthalate	20.433	149	759482	32.626	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.204	252	678653	34.462	ng/ul	99
85) Benzo(a)anthracene	21.269	228	2235426	33.109	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1102550	32.997	ng/ul	100
87) Chrysene	21.321	228	2061657	33.405	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	1873659	30.204	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	2115522	32.572	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	2149983	34.122	ng/ul	99
93) Benzo(a)pyrene	23.533	252	1972332	33.794	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.080	276	2233456	32.358	ng/ul	98
95) Dibenzo(a,h)anthracene	26.092	278	1834440	32.105	ng/ul	99
96) Benzo(g,h,i)perylene	26.827	276	1719541	31.021	ng/ul	98

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

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