Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101923\
Data File : BP017733.D
Acq On : 19 Oct 2023 18:40
Operator : MA/JU
Sample : PB156379BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 20 01:11:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS379

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	138269	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	552524	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	332494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	693228	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	600291	20.000	ng/ul	# 0.00
88) Perylene-d12	24.074	264	593603	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24902	6.700	ng/uL	0.00
4) Pyridine-d5	3.687	84	341455	35.089	ng/ul	0.00
7) Phenol-d5	7.046	99	409474	35.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	266507	37.505	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	345183	36.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	324671	35.932	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	163685	36.560	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	182423	36.877	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	323800	33.368	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	386125	30.405	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	965684	34.598	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1115281	35.829	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	150527	37.849	ng/ul	0.00
60) Fluorene-d10	15.592	176	809796	33.563	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	160094	35.061	ng/ul	0.00
73) Anthracene-d10	17.480	188	1235630	34.880	ng/ul	0.00
81) Pyrene-d10	19.733	212	1431435	38.034	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	1251791	37.862	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	45184	11.461	ng/uL	96
5) Pyridine	3.711	79	309894	31.082	ng/ul	95
6) Benzaldehyde	7.052	77	187729	30.329	ng/ul	95
8) Phenol	7.075	94	379680	33.467	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.328	93	308311	32.574	ng/ul	97
12) 2-Chlorophenol	7.440	128	308975	32.781	ng/ul	97
13) 2-Methylphenol	8.340	108	277785	32.444	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	375788m	32.257	ng/ul	
16) Acetophenone	8.746	105	461609	32.495	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.716	70	234339	34.779	ng/ul	98
18) 4-Methylphenol	8.681	108	301121	33.118	ng/ul	99
19) Hexachloroethane	8.951	117	139442	32.197	ng/ul	88
22) Nitrobenzene	9.140	77	373332	33.489	ng/ul	99
23) Isophorone	9.651	82	655957	32.905	ng/ul	98
25) 2-Nitrophenol	9.846	139	171319	32.445	ng/ul	92
26) 2,4-Dimethylphenol	9.887	107	298323	28.786	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.146	93	402022	32.607	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	282814	30.479	ng/ul	97
30) Naphthalene	10.769	128	963245	30.294	ng/ul	100
32) 4-Chloroaniline	10.916	127	296957	24.420	ng/ul	97
33) Hexachlorobutadiene	10.993	225	198515	26.348	ng/ul	99
34) Caprolactam	11.751	113	83983m	35.150	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	298473	34.166	ng/ul	96
36) 2-Methylnaphthalene	12.392	142	634998	29.565	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	644359	29.335	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.745	216	349034	28.369	ng/ul#	98
40) Hexachlorocyclopentadiene	12.687	237	169710	24.009	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	192344	26.049	ng/ul	97
42) 2,4,5-Trichlorophenol	13.081	196	218120	28.573	ng/ul	100
43) 1,1'-Biphenyl	13.410	154	851669	31.091	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	675222	30.493	ng/ul	98
45) 2-Nitroaniline	13.704	65	199805	39.707	ng/ul	91
47) Dimethylphthalate	14.051	163	850230	30.907	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	171911	33.952	ng/ul	95
50) Acenaphthylene	14.310	152	1030143	29.544	ng/ul	99
51) 3-Nitroaniline	14.545	138	163088	33.866	ng/ul	97
52) Acenaphthene	14.651	153	717058	30.421	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	86171	30.317	ng/ul	91
55) 4-Nitrophenol	14.845	109	143252m	34.027	ng/ul	
56) Dibenzofuran	14.992	168	1010440	30.533	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	251455	33.649	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.216	232	149154	22.017	ng/ul#	92
59) Diethylphthalate	15.416	149	854650	32.178	ng/ul	99
61) Fluorene	15.645	166	830297	30.544	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	410778	28.430	ng/ul	94
63) 4-Nitroaniline	15.728	138	160269	36.899	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.751	198	144009	29.445	ng/ul#	89
67) N-Nitrosodiphenylamine	15.869	169	691686	32.935	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	231623	28.556	ng/ul#	90
69) Hexachlorobenzene	16.628	284	252440	27.110	ng/ul#	86
70) Atrazine	16.845	200	252m	0.033	ng/ul	
71) Pentachlorophenol	17.004	266	95950	17.139	ng/ul	95
72) Phenanthrene	17.422	178	1288554	31.731	ng/ul	99
74) Anthracene	17.516	178	1290887	31.385	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	350193	30.107	ng/uL	99
76) Pentachlorobenzene	14.881	250	317740	28.186	ng/uL	99
77) Carbazole	17.810	167	1126721	32.413	ng/ul	99
78) Di-n-butylphthalate	18.322	149	1428154	35.388	ng/ul	100
80) Fluoranthene	19.404	202	1516260	35.066	ng/ul	97
82) Pyrene	19.763	202	1569294	34.256	ng/ul#	94
83) Butylbenzylphthalate	20.639	149	637158	40.438	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	424966	31.334	ng/ul#	97
85) Benzo(a)anthracene	21.504	228	1475528	32.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	914188	41.563	ng/ul	99
87) Chrysene	21.557	228	1382969	32.046	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1552288	41.284	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1396699	34.572	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1384221	33.808	ng/ul	99
93) Benzo(a)pyrene	23.957	252	1217528	32.102	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	1471563	32.555	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.815	278	1221597	32.390	ng/ul	97
96) Benzo(g,h,i)perylene	27.633	276	1195849	32.836	ng/ul#	96

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

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