Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022367.D
Acq On : 27 Oct 2022 18:40
Operator : CG/JU
Sample : PB148426BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 28 00:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 00:29:18 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS426

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
10/28/2022
Supervised By :mohammad ahmed
10/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	154103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	628048	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	349195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	578035	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	420845	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	432884	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	25820	6.350	ng/uL	0.00
4) Pyridine-d5	3.681	84	332550	26.294	ng/ul	0.00
7) Phenol-d5	7.099	99	482356	32.018	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	296406	31.398	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	359836	34.449	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	361045	30.160	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	175438	38.095	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	191582	40.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	324511	36.626	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	406304	28.049	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	807952	33.192	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	998763	36.743	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	155736	29.974	ng/ul	0.00
60) Fluorene-d10	15.604	176	674102	32.833	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	118680	35.989	ng/ul	0.00
73) Anthracene-d10	17.469	188	909035	36.188	ng/ul	0.00
81) Pyrene-d10	19.769	212	865869	41.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	773997	36.459	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	54915	12.392	ng/uL	97
5) Pyridine	3.705	79	359743	28.672	ng/ul	92
6) Benzaldehyde	7.069	77	276496	37.165	ng/ul	96
8) Phenol	7.122	94	473171	29.591	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.358	93	374215	29.417	ng/ul	99
12) 2-Chlorophenol	7.493	128	361274	31.323	ng/ul	100
13) 2-Methylphenol	8.387	108	349076	29.198	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	510799	28.061	ng/ul	99
16) Acetophenone	8.775	105	539152	28.189	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	279391	27.427	ng/ul	99
18) 4-Methylphenol	8.722	108	378357	28.264	ng/ul	97
19) Hexachloroethane	9.022	117	151746	33.699	ng/ul	96
22) Nitrobenzene	9.163	77	426920	35.107	ng/ul	98
23) Isophorone	9.693	82	773815	32.231	ng/ul	100
25) 2-Nitrophenol	9.875	139	201468	36.166	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	387340	32.979	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	486958	32.437	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	313459	33.923	ng/ul	98
30) Naphthalene	10.816	128	1117202	33.207	ng/ul	98
32) 4-Chloroaniline	10.934	127	431602	28.742	ng/ul	98
33) Hexachlorobutadiene	11.093	225	174237	34.365	ng/ul	97
34) Caprolactam	11.728	113	99890	27.822	ng/ul	93
35) 4-Chloro-3-methylphenol	12.063	107	340753	30.588	ng/ul	99
36) 2-Methylnaphthalene	12.434	142	707649	30.457	ng/ul	99

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Supervised By :mohammad ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	715250	30.741	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.798	216	323178	35.677	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	180409	35.625	ng/ul	94
41) 2,4,6-Trichlorophenol	13.046	196	221253	35.820	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	239495	34.817	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	885403	34.733	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	700701	35.179	ng/ul	97
45) 2-Nitroaniline	13.698	65	212644	34.461	ng/ul	95
47) Dimethylphthalate	14.069	163	803169	30.696	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	165604	33.789	ng/ul	94
50) Acenaphthylene	14.334	152	1072177	34.539	ng/ul	98
51) 3-Nitroaniline	14.528	138	178737	30.886	ng/ul	98
52) Acenaphthene	14.675	153	719201	32.671	ng/ul	93
53) 2,4-Dinitrophenol	14.740	184	89885	27.073	ng/ul	97
55) 4-Nitrophenol	14.834	109	115845	27.499	ng/ul	98
56) Dibenzofuran	15.010	168	961994	32.025	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	226303	31.519	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.240	232	180558	31.540	ng/ul	91
59) Diethylphthalate	15.434	149	776759	29.227	ng/ul	98
61) Fluorene	15.663	166	736572	30.501	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.657	204	341354	30.168	ng/ul	99
63) 4-Nitroaniline	15.692	138	182977	33.887	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	120777	34.114	ng/ul	94
67) N-Nitrosodiphenylamine	15.875	169	632954	37.864	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	192257	37.651	ng/ul	94
69) Hexachlorobenzene	16.669	284	207504	33.384	ng/ul	96
70) Atrazine	16.828	200	176860	31.417	ng/ul	97
71) Pentachlorophenol	17.016	266	125634	32.687	ng/ul	97
72) Phenanthrene	17.410	178	1076755	34.532	ng/ul	97
74) Anthracene	17.504	178	1092538	35.275	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.410	216	331161	45.549	ng/uL	97
76) Pentachlorobenzene	14.928	250	283557	36.336	ng/uL	98
77) Carbazole	17.781	167	986927	34.451	ng/ul	97
78) Di-n-butylphthalate	18.339	149	1218386	34.317	ng/ul	99
80) Fluoranthene	19.433	202	1049871	39.917	ng/ul	97
82) Pyrene	19.798	202	1085860	39.462	ng/ul	99
83) Butylbenzylphthalate	20.698	149	448414	37.561	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	286629	31.493	ng/ul	99
85) Benzo(a)anthracene	21.557	228	918567	34.159	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.474	149	624841	36.187	ng/ul	97
87) Chrysene	21.610	228	895024	34.634	ng/ul	96
89) Di-n-octyl phthalate	22.416	149	1013148	33.034	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	930696	34.089	ng/ul	95
91) Benzo(k)fluoranthene	23.327	252	866722	32.132	ng/ul	99
93) Benzo(a)pyrene	23.927	252	812611	33.302	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.621	276	1085776m	35.600	ng/ul	
95) Dibenzo(a,h)anthracene	26.639	278	920932	33.750	ng/ul	97
96) Benzo(g,h,i)perylene	27.415	276	954725	34.794	ng/ul	100

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

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