

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021264.D
 Acq On : 31 Jul 2024 17:06
 Operator : CG/JU
 Sample : P3283-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DJ0DL

Quant Time: Jul 31 17:35:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	245937	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.369	136	984803	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.263	164	640076	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1325385	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	977683	20.000	ng/u1	# 0.01
88) Perylene-d12	24.857	264	1051915	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	3792	0.702	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.822	99	87360	4.357	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.958	67	54464	4.482	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.157	132	73588	4.454	ng/u1	-0.02
15) 4-Methylphenol-d8	8.357	113	54859	3.294	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	33050	4.321	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	35068	4.006	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.034	165	83559	5.278	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.575	131	64616m	3.081	ng/u1	0.02
46) Dimethylphthalate-d6	13.675	166	251016	5.395	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	279335	5.346	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	26443	3.994	ng/u1	0.00
60) Fluorene-d10	15.281	176	218358	5.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	21651	2.700	ng/u1	0.02
73) Anthracene-d10	17.192	188	326921	5.554	ng/u1	0.00
81) Pyrene-d10	19.592	212	356229	5.894	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.633	264	300202	5.786	ng/u1	0.04
Target Compounds						
					Qvalue	
8) Phenol	6.846	94	294642	14.522	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.046	93	497129	29.660	ng/u1	99
12) 2-Chlorophenol	7.187	128	89587	5.411	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.410	70	215050	15.969	ng/u1	98
22) Nitrobenzene	8.816	77	114111	6.228	ng/u1	96
25) 2-Nitrophenol	9.516	139	149080	16.327	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.804	93	595326	26.887	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	359540	23.045	ng/u1	98
30) Naphthalene	10.422	128	1657032	31.988	ng/u1	99
35) 4-Chloro-3-methylphenol	11.710	107	394123	23.240	ng/u1	99
41) 2,4,6-Trichlorophenol	12.687	196	274773	20.919	ng/u1	97
42) 2,4,5-Trichlorophenol	12.781	196	291440	20.971	ng/u1	99
48) 2,6-Dinitrotoluene	13.863	165	199831	21.171	ng/u1	98
50) Acenaphthylene	13.975	152	1663689	28.124	ng/u1	99
52) Acenaphthene	14.322	153	859265	21.885	ng/u1	98
55) 4-Nitrophenol	14.598	109	164671m	30.578	ng/u1	
56) Dibenzofuran	14.675	168	973214	18.101	ng/u1	98
59) Diethylphthalate	15.104	149	1409934	29.882	ng/u1	99
61) Fluorene	15.339	166	708298	16.144	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.328	204	725555	30.476	ng/u1	99
71) Pentachlorophenol	16.745	266	264689	27.360	ng/u1	97
74) Anthracene	17.228	178	2055129	29.320	ng/u1	100
78) Di-n-butylphthalate	18.092	149	1045604	13.226	ng/u1	99
80) Fluoranthene	19.239	202	2088576	28.612	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

82) Pyrene	19.616	202	2230159	30.024	ng/ul	99
83) Butylbenzylphthalate	20.563	149	1027878	33.213	ng/ul	97
85) Benzo(a)anthracene	21.527	228	1110550	16.215	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	1204896	27.054	ng/ul#	97
87) Chrysene	21.592	228	2161612	33.967	ng/ul	100
91) Benzo(k)fluoranthene	23.880	252	933948	14.660	ng/ul	98
93) Benzo(a)pyrene	24.692	252	410052	6.798	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.627	276	1613399	20.756	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.674	278	380878m	5.917	ng/ul	
96) Benzo(g,h,i)perylene	29.797	276	1534394m	24.238	ng/ul	

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

